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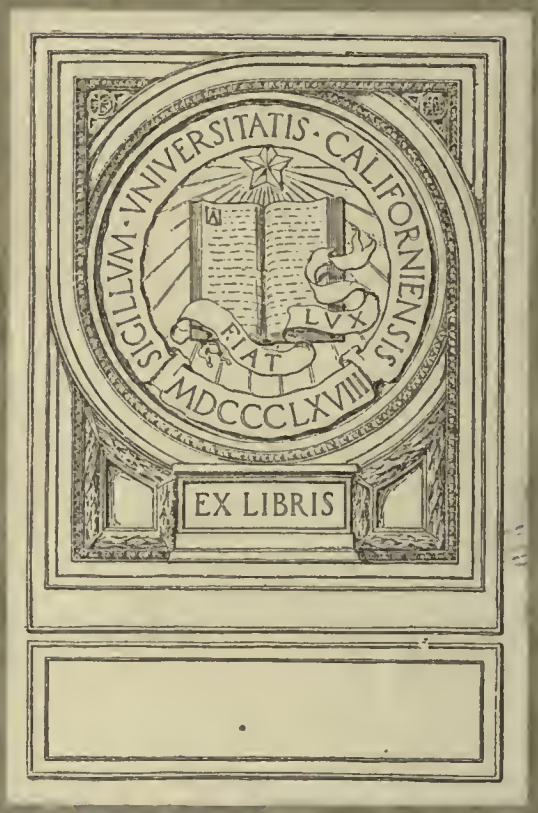
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WOMEN'S WAR WORK

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WOMEN'S WAR WORK

WOMEN'S WAR WORK

In maintaining the Industries & Export Trade of the United Kingdom

INFORMATION OFFICIALLY COMPILED FOR THE USE OF RECRUITING OFFICERS, MILITARY REPRESENTATIVES AND TRIBUNALS

UNIV. OF CALIFORNIA

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PREFACE

THE formation of large Armies has necessarily had a far-reaching effect on the industrial and commercial life of the Nation, and in view of the increasing demand for men of military age to bear arms in the defence of liberty, it is incumbent on those not engaged in Military Service to make a supreme effort to maintain the output of Articles required for the War and the export trade.

It is considered that a more widespread knowledge of the success which has been attained by Women in nearly all branches of men's work is most desirable, and will lead to the release of large numbers of men to the Colours who have hitherto been considered indispensable.

Employers who have met the new conditions with patience and foresight readily admit that the results achieved by the temporary employment of Women far exceed their original estimates, and even so are capable of much further extension. If this is true in their case, how much greater must be the scope for such substitution by those Employers who have not attempted it from reasons of apprehension or possibly prejudice? The necessity of replacing wastage in our Armies will eventually compel the release of all men who can be replaced by women, and it is therefore in the interests of Employers to secure and train temporary substitutes as early as possible, in order to avoid any falling off in production.

Military Representatives and Chairmen of Tribunals will, it is hoped, find the lists and examples given in this book of service in dealing with claims put forward on grounds of indispensability, while Employers of Labour may find new ways of increasing their output in spite of the shortage of male labour.

The Factory Inspectors of the Home Office, of whom a list is shown on pages 81 and 82, should be consulted in regard to the suitability of any particular process for the employment of women, or in regard to the conditions under which they are to work.

Particulars of Divisional Offices and Labour Exchanges, also Agents with Labour Exchange powers, will be found on pages 83 to 90.

The Divisional Officers and Managers of Labour Exchanges, who represent the Board of Trade and Ministry of Munitions, will be able to give information as to the local requirements of labour and the probable labour supply which would be available to fill any given vacancy. They will give every attention to requests for information on

these lines, and are anxious to assist by registering, advising, and finding suitable employment for women workers. Reference may also be made to the Information Bureau of the Board of Trade Employment Department, Victoria and Albert Museum, South Kensington, S.W., and to the Women Agricultural Organizing Officers and Honorary Secretaries of Women's County Committees for Agriculture, lists of whose names and addresses are shown on pages 91 to 94.

In some parts of the country most effective substitution has been achieved by getting one of the womenfolk of a soldier's own family to replace him in civil life. Thus wives have taken up their husbands' work, sisters their brothers', daughters their fathers', even mothers their sons'. Substitution of this kind has much to recommend it. It helps to avoid domestic disturbance and the breaking-up of homes.

Women of Great Britain, employers of labour, remember that :—

(a) No man who is eligible for Military Service should be retained in civil employment if his place can be temporarily filled by a woman or by a man who is ineligible for Military Service.

(b) No man who is ineligible for Military Service should be retained on work which can be performed by a woman (for the duration of the War) if the man himself can be utilized to release to the Colours one who is eligible for Military Service and who cannot be satisfactorily replaced by a woman.

WOMEN'S WAR WORK

INTRODUCTORY NOTE

BY THE ADJUTANT-GENERAL TO THE FORCES

THE impossibility of forecasting in any degree the extent to which the resources of the Empire may be taxed before the War is brought to a successful conclusion, makes it imperative on all who are engaged in the Recruiting of the Army to acquaint themselves fully with the measures by which it is possible to extract the maximum man power of the nation with a minimum dislocation of trade. The manufacture of munitions of war is as essential to success as the upkeep of our armies, and equally so is the maintenance of our position as the great trade power of the world.

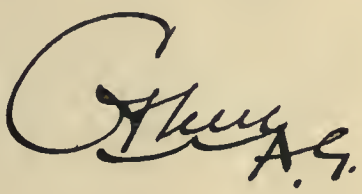
Men, especially those who are young and physically fit, are necessary to keep up our fighting strength in the field, but unless the work normally carried on by these men in civil life is maintained, our armies can never attain full and complete victory.

It is therefore towards the replacement in civil life of men drawn for the Army that the efforts of all engaged on recruiting work must be constantly directed.

In some measure the void can be filled by men not physically fit for Army work, but this source of supply is not enough for the country's needs. Since the outbreak of war the women of Britain have shown themselves ready and anxious to undertake every form of work where their services could be accepted, and this book is intended not only to indicate that women have shown themselves capable of successfully replacing the stronger sex in practically every calling, but is offered also as a tribute to their effective contribution to the Empire in its hour of need.

It is not claimed that the following pages embody by any means a complete synopsis of all work in which women can relieve men who are required to fight actively for their country; they are merely published as a guide for Recruiting Officers, Military Representatives, and Members of Tribunals, whose untiring efforts must be devoted to amplify and extend the scope of women's usefulness, by which alone our country can hope to emerge victorious from a struggle without parallel in her long and glorious history.

War Office,
Whitehall, S.W.
1st August, 1916.



PART I

TRADES AND PROCESSES

In which Women are successfully employed in temporary replacement of Men

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DETAILED LIST OF PROCESSES ... ... pages 13-30

MUNITIONS WORK ... ... pages 31-38

INDEX OF TRADES

In which Women are successfully employed

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Heavy Chemicals (Salt, Soda, and Alkali)	13
Manures and Fertilizers	13
Matches and Fire Lighters	13
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Paints, Colours, and Varnishes	13, 14
Soap	14
Starch, Glue, and Polishes	14

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Gloves	15
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Biscuit Making	16
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Printing, Bookbinding, Stereotyping, Engraving, etc.	18
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Agriculture

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DETAILED LIST OF PROCESSES

In which Women are successfully employed *

CHEMICAL TRADES

Candles

Bleaching Wicks
Casting Dips
Doubling Wicks
Making Night Light Cases
Moulding Dept. (Filling, Winding-up, and Emptying)
Packing
Plaiting Wicks
Putting Wicks on Night Lights
Scraping Blocks of Paraffin Wax
Stamping Name on Candles
Trucking
Winding Wicks

Chemicals for Tanning, Textiles, and other Trades

Bricksetter's Labourer
Digging out and Placing in Dishes
Discharging and Loading on the Tip
Emptying Coolers
Feeding and Tending Elevators
Loading Ashes, etc., into Barges, Trolleys, and Wagons
Mixing for Furnaces
Packing
Shovelling into Chute
Varnishing Kegs
Yard Labourer

Drugs, Fine Chemicals, etc.

Attending Boiling Pans
Bottle Washing
Coating Photographic Plates
Crystallising
Laboratory Work
Making Gum
Packing Patent Medicines
Pill Making
Removing Jubes from Tins
Scent Making
Shampoo Powder Making
Warehouse Work
Weighing up in Coating Room

Heavy Chemicals (Salt, Soda, and Alkali)

Blue Beds
Labouring

Heavy Chemicals (*continued*)

Shaking Bags
Stacking
Sweeping
Taking from Presses and Putting on Racks

Manures and Fertilizers

Feeding Elevators
Taking Bags from Chutes
Weighing Bags of Manure
Wheeling Barrows

Matches and Fire Lighters

Box and Case Making
Chopping up Fire Lighters
Tin Lining
Tray Carrying
Veneering

Oil, Oil Seed Cake, Seed Crushing

Anti-fouling and Anti-corrosive Comp. (Manf. of)
Armour Injection Comp. (Manf. of)
Attending Filter Presses
Auto Bag Filling
Cake Breaking
Chalking up
Cleaning Hydraulic Presses
Enamelling Barrels
Filling Bags and Cans with Meal or Nuts
Labouring and Light Trucking
Locust Cutter
Maize Bruising
Mechanical Cooperage
Painting Cans
Press Shop
Riddling over Screens
Sealing Cans
Sewing up Bags
Stacking small Tins
Sticking
Weighing

Paints, Colours, and Varnishes

Colour Mixing
Feeding Granite Rolls
Filling Tins and Barrels
Filling Varnish; attending Roberts' or other Filling Machines
Grinding; attending Cone or Roller Mills

* The inclusion of the name of a process in this or any of the following lists does not of course necessarily imply that every man stated to be performing that process can be replaced by a woman. The possibility of actual replacement depends in each case upon the particular circumstances of the case, including such matters as the extent to which substitution had already been carried in the factory, the availability of suitable women for the work, or (in the case of agriculture) the nature of the land.

Paints, Colours, and Varnishes (*continued*)

- Labelling and Stencilling Packages and Tins
- Mounting Shade or Colour Cards
- Packing
- Painting Kegs and Drums
- Screwing down
- Soldering, Washing, and Dipping Tins
- Warehouse Work

Soap

- Can Filling (with Liquid and Soft Soap)
- Carrying Fob (in Soap Boiling Dept.)
- Carrying and Emptying Cases in Melting House
- Crutching Machine (attending)
- Cutting into Bars
- Drying Toilet Soap
- Drum Filling (with Glycerine)
- Loading Vans
- Milling
- Mixing Machine (tending)
- Packing
- Plodding
- Regulating Fall Pipe (in Soap Boiling Dept.)

Soap (*continued*)

- Rolling Full and Empty Barrels (in Melting Dept.)
- Scraping Resin off Barrel Staves
- Shredding Toilet Soap
- Stamping (hand and machine)
- Trimming Toilet Soap
- Trucking
- Wrapping

Starch, Glue, and Polishes

- Box Making
- Cutting Glue
- Drying
- Emery Cutting
- Emery and Glass Washing
- Feeding Hopper
- Filling Bags
- Filtering
- Grinding
- Milling
- Mixing Blue
- Mop Making
- Packing
- Presswork

CLOTHING TRADES

Boots and Shoes

Clicking Department

- Clicking Presses
- Hand Clicking
- Marking Machine
- Measuring Machine
- Pattern Cutting
- Sorting
- Splitting Machines

Closing Department

- Beading and Folding Machines (Booth Duplex, etc.)
- Bench Work
- Button Hole Machines (Reece, etc.)
- Cylinder Golosh
- Ensign Lacer
- Eyeletting Machines
- Flat Machines
- Gold Blocking
- Hooking Machines
- Knot Tying
- Perforating and Punching Machines
- Seam Rubbing Machines (Stanbon Machine)
- Wax Thread Machines

Finishing Department

- Bench Men (Knifers-up and Takers-off)
- Bottom Buffing
- Edge Trimming
- Edge and Waiste Setting
- Heel Scouring

Finishing Department (*continued*)

- Inking
- Packing
- Stitch Separating

Heel-Making Department

- Heel Building
- Heel Compressing
- Rand Tacking
- Tip Nailing

Making Department

- Assembling
- Automatic Leveller Operating
- Bench Men
- Blake Sewing
- Breasting Machine
- Channel Closing Machine
- Channel Opening
- Heel Attaching Machines
- Hercules Leveller
- Inseam Trimmer
- Lasting Machines
- Loose Billing
- Loose Nailing
- Nailing
- Piecesole Attaching Machine
- Pounding-up Machine
- Pull-over Machine
- Rough Rounding
- Sole Laying
- Sole Tacking
- Standard Screwing
- Staple Tacking

Boots and Shoes (*continued*)

Making Department (*continued*)

Stitching Machine
Universal Slugger
Upper Trimming (Goodyear)
Waste Skiving
Welt Beating
Welt Sewing

Preparation Department

Cementing Machine
Feather-edge Shank Reducer
Fitting up
Gem Canvas Machine
Insole Channelling
Julian or Planet Rounder
Nichols' Evener and Grader
Outsole Channelling
Piecesole Bevelling
Size Stamping Machine
Skiving Machine
Sole Moulding
Stiffener Moulding

Rough Stuff Department

Cutting Presses
Rolling
Rough Stock Keeping
Sorting
Splitting Machines

Corsets

Assembling Parts
Cutting Ends with Heavy Hand Shears
Cutting (hand)
Fitting
Folding Cloth for Cutting
Marking
Measuring
Overlooking
Packing
Platen Printing
Pressing Machine Operating
Pressing with Gas Iron
Printing on Bands
Rotary Machine Operating

Dress, Mantle, and Shirt Making

Dressmaking

Box Making
Cutting and Assisting in Cutting Room
Fitting-up (wholesale)
Laying-out
Pressing
Stock Keeping
Travelling
Trimming
Warehouse Work
Window Dressing

Mantle Making

Cutting Fittings
Cutting Linings
Cutting Stiffenings
Ironing by Hand
Pressing

Shirt Making

Cutting and Assisting in Cutting Room
Folding for Cutter
Making-up
Pressing
Stamping
Warehouse Work
Washhouse Work

Dyeing and Cleaning, and Laundries

Dyeing and Cleaning

Cleaning
Curtain Folding and Framing
Driving
Drying
Dyeing and Assisting in Dyeing Room
Finishing
Glazing
Laundry Work
Packing
Portering
Sorting
Stringing
Tailor-pressing

Laundry Work

Curtain Framing
Mangling
Washing
Washing Machines (attending)

Gloves

Fur Cutting
Glove Cutting
Leather Dressing
Scouring
Supervising

Hats

Felt Hats and Caps

Body Making (Hats)
Bright Finishing
Bronzing
Cutting
Examining Bodies
Forming
Fur Blowing
Machine Feeding
Labelling
Packing
Pasting
Planking

Hats (*continued*)

Felt Hats and Caps (*continued*)

Pressing
Printing
Proofing
Settling Machines
Shaving
Sorting
Steaming
Washing after Proofing
Wiring

Straw Hats

Cutting Wheels
Polishing
Press Blocking

Tailoring

Buttonholing
Cutting and Assisting in Cutting Room
Examining
Felling
Folding
Machining
Making-up
Oiling
Passing
Pressing
Putting Trimmings ready for Machinists
Shrinking
Sorting Cut Pieces
Stock Keeping
Supervising
Warehouse Work

FOOD TRADES

Aerated Waters. Bottling

Bottle Sorting
Bottle Washing
Carrying Crates
Cleaning Syphons
Filling
Fixing Capsules
Labelling
Packing
Polishing Syphon Tops
Re-rubbering Stoppers

Bacon Curing, Margarine Making, Meat Preserving, etc.

Bacon Curing

Boning and Rolling
Packing
Sewing up for Army
Soldering
Stencilling
Washing Hams, Bacon

Margarine Making

Analysis of Water, Oil, and Fats
Lard Compounding Rollers (attending)
Packing

Meat Preserving, Meat Pies, and Sausage Making

Bakery
Boning Meat
Filling Tins, Pies, Sausages, etc.
Jellying
Lacquering
Linking
Packing
Preparing Skins
Soldering
Trucking
Washing

Biscuit Making

Bakehouse Processes (except stoking)
Carrying Trays from Ovens
Cutting
Dough Brakes (assisting at)
Feeding Ovens
Feeding Travelling Ovens
Fruit Cleaning Machines (attending)
Labelling
Nailing Cases
Operating Lifts
Operating Weighbridge
Packing
Soldering
Sorting Biscuits
Stacking Tins
Stencilling
Trucking and Trolleying
Wafer Machine (attending)
Weighing

Bread, Cake and Pastry Making

Bread Making

Baking
Carrying
Cleaning Tins
Delivering (Bread rounds)
Greasing Tins
Mixing
Moulding
Packing
Washing
Weighing

Cakes and Pastry Making

Baking Cakes, Confectionery, Scones, and Smalls
Boiling
Carrying
Decorating and Finishing Cakes and Pastries

Bread, Cake, and Pastry Making (*continued*)

Cakes and Pastry Making (*continued*)

Iceing
Mixing
Moulding
Pastry Making
Stamping
Weighing

Brewing and Bottling Beer

Brewing Beer

Cask Filling
Cask Marking
Cask Washing
Cleaning Rubber Tubing
Rolling and Stacking Casks

Beer and Wine Bottling

Bottling
Bottling by Machine
Bottle Sorting
Bottle Washing
Cap Filling
Carbonating
Cellar Women (work as)
Collecting Stoppers
Corking
Discharge of Empty Cases
Drawing off from large to small casks by Rubber Tube
Feeding Roller Runners
Filling Boxes and Cases
Labelling
Packing
Passing Cases down Spiral
Pulp Washing
Refrigerating Machine (attending)
Rotary Filling
Small Hand Filter (attending)
Stacking
Taking off Runners
Trucking
Warehouse Work
Washing on Exposed Revolving Brush
Wrapping

Distilling Spirits

Box Making
Catching Draff from Machine
Chemical Work
Cleaning in Slummage House
Despatch Work
Digging and Spreading Barley
Fermenting Room (work in)
Granaries (work in)
Light Labouring in Grist Loft
Loading and Stripping Malt Kilns (operating machine for)
Malting Work
Packing
Sewing Bags
Skimming Room (work in)
Taking from Presses
Washing Sheets and Fermenting Vessels
Yeast Making

Fruit Preserving, Chocolate and Sugar Confectionery Making

Fruit Preserving

Boiling
Bottle Washing
Bottling
Filling
Lifting Cans of Sugar
Packing
Sterilizing

Chocolate and Sugar Confectionery Making

Cake Machine (feeding)
Carrying
Confectionery Centre Machine (attending)
Cream Making Machine (feeding)
Filling Chocolates
Kneading
Moulding and Knocking Cakes from Mould
Moulding Chocolates
Packing
Starch Hands
Sugar Boiling
Transferring Chocolate in Grinding Room
Trolley Work

Grain Milling

Bag Cleaning
Branding
Brushing Belts
Cardboard Box Making
Cleaning Plant
Emptying into Hoppers
Loading Hoist (assisting in)
Nailing up Boxes
Packing
Picking
Portering
Riddling Damaged Bran
Sack Cleaning
Sack Filling
Sack Mending
Stowing
Trucking
Warehouse Work
Weighing

Sugar Refining

Bag Washing, Mangling, Drying, etc.
Bag Sewing
Box Making
Cube Cutting
Cutting Machine Minding
Filling Bags, Casks, and Glucose Moulds
Filling Treacle Tins
Granulating
Light Work on Glucose Manf.
Melting and Mixing (assisting in)
Mould and Stove Work (assisting in)
Raw Sugar Centrifugals (attending)
Refined Sugar Centrifugals (attending)
Packing
Spreading Sugar in Boxes
Trucking
Weighing Bags and Casks
Unloading Raw Sugar

Cardboard Boxes

Binding
Calendar Rolling (leather boards)
Corner Punching Machine
Creasing Machine (card boxes)
Cutting Machine (card boxes)
Cutting Card (fancy boxes)
Damping
Drying
Finishing
Gold Blocking
Guillotine (feeding)
Laying-on
Nailing
Packing
Paste Filling
Platen-Machine Work
Plating
Printing
Punching
Rolling
Sand Papering
Scoring
Sheet Laying
Stamping
Stock Keeping
Stripping
Waste Sorting

Paper and Wall Paper

Baling
Beaters and Kneaders (feeding)
Boatermen (assisting)
Boilers (feeding Esparto into)
Bundling, Tying into Reams and Half Reams (generally up to about 40 lb. weight)
Burnishing Machine (attending)
Calenders (assisting at)
Chopper (feeding)
Coating Machine (assisting at)
Coating Silver Paper
Collar Gang
Collecting
Combing
Combing for Paper Coating
Cutting Machines (filling: in some cases with aid of lifting tackle)
Edge Runners (feeding)
Embossing
Enamelling Paper (feeding machine for)
Esparto Dusting and Handling
Glazing
Grass Breaking
Grinding Machine (feeding)
Guillotine (taking off)
Hand Crane (working)
Kneaders and Beaters (feeding)
Labouring
Loading (vans, railway trucks, and steamers)
Making up Rolls
Melting Resin in Pans
Mixing Paper
Packing
Pattern Department Work
Potchers (feeding mechanical and chemical pulp into)
Presse Pate

Paper and Wall Paper (*continued*)

Printing Wall Paper
Pulp Bleaching
Pulping Machines (feeding rags and paper clippings into)
Reeling Machines (assisting at certain kinds of)
"Rollergang" Machine (feeding)
Sampling
Sewing up Bales
Sheet Catching
Sorting Rags
Storing Waste
Stowing Bales of Esparto and Wood Pulp
Taking from Cutter
Trucking Bales of Wood Pulp (up to 4 cwt.)
Trucking from Esparto Boilers
Twist Catching at Reeling Machines
Tying and Bundling into Reams and Half Reams (generally up to about 40 lb. weight)
Willowing Machines (feeding Esparto and mechanical pulp into)
Varnishing
Warehouse Work

Printing, Bookbinding, Stereotyping, Engraving, etc.

Binding
Blocking
Case Making
Compositors' Work (type-setting)
Colour Printing (feeding and minding machine)
Copy-holding
Correcting Type
Counting Paper
Cutting Paper
Cyko Printing (photo enlarging)
Distributing Type
Eyeletting
Feeding Printing Machines (Platens, Wharfedales, Drum Cylinders, Two-revolutions Perfecting, Two-colour, etc.)
Finishing (litho work)
Finishing (photo enlarging)
Machine Minding
Monotype Operating
Monotype Keyboard Work
Packing and Tying-up
Paper Bag Folding, Labelling, Sticking-down, etc.
Picture Post Card Cutting and Developing
Platen Hands
Reading
Ruling Machine
Storing Pages of Type
Type Setting
Warehouse Work
Wire Stitching

Publication of Newspapers and Periodicals

Copy-holding
Cutting for Printer
Despatch Work
Folding

Publication of Newspapers, etc. (*continued*)

Letterpress Machine Work
Machine Ruling
Numbering
Reading Proofs
Stitching
Sub-editing

Stationery, Pencils, Gum, etc.

Bending
Binding
Blocking
Brass Turning
Coating
Crate Making
Creasing
Cutting
Drilling

Stationery, Pencils, Gum, etc. (*continued*)

Embossing
Envelope Adjusting, Printing, Stamping
File Making
Fixing Metal
Gum Mixing
Label Making
Law Writing
Laying-on
Lead Milling
Machine Ruling
Packing
Platen Hands
Printing
Punching
Ribbon Making
Reading
Taking-off
Tube Making
Warehouse Work

TEXTILE TRADES

Cotton

Spinning, Doubling, etc.

Balling Warp
Banding
Blowing
Bobbining in Ring Room
Can Tenting
Carding
Condenser Tenting
Conditioning Box Feeding
Creeling
Crossballing
Derby Doubler Tenting
Doffing
Doubling
Dyehouse Linking
Dyehouse Unlinking
Foreman (assisting)
Gassing
Hand Winding
Hoist Work
Jobbing
Knotting
Making-up
Mixing and Feeding Machines
Mixing and Blowing Room
Moving Cans in Card Room
Oiling round Mules and in Ring Room
Opening Bales
Overlooking
Packing Cops in Warehouse
Papering Bundles
Piecing at Mules
Preparing Waste
Quilling
Ring Spinning
Ring Twisting
Roving Carriers
Scavenging
Scrutchers (assisting)
Shaking

Spinning, Doubling, etc. (*continued*)

Slubber Tenting
Sorting Bobbins
Splitting
Spreading
Spinning Room Work
Stripping Bobbins
Tenting to Derby Doublers on Condensers
Testing
Ticketing
Tidying and Sweeping at Cards
Twisting
Tubing

Weaving

Baling Waste
Beaming
Bobbing Carrying
Braiding
Card Cutting
Card Tenting
Cleaning Waste
Clipping
Clothlooking
Cutlooking
Drawers
Drying Waste
Finishing (stitching)
Giving out Weft
Hand Warping
Loading Waste
Looming
Plaiting
Reaching-in
Roller Covering
Rolling
Sett Carrying
Shearing
Sorting and Grading Tares
Sorting Waste
Trucking Yarn

Cotton (*continued*)

Weaving (*continued*)

- Velvet Cutting
- Warp Making
- Waster Breakers (assisting)
- Weaving
- Weighing
- Willowing
- Winding
- Wrapping Pieces

Hosiery

- Boarding
- Carrying and Packing
- Circular Head Machines
- Circular Tenters
- Coton's Frames
- Coton's Machines
- Coton's Frame (power)
- Countermen
- Dolling
- Drying
- Dubred's Flat Machines
- Fettling
- Fettling and Changing Patterns
- Fine Knitting Machines
- Finishing
- Flat Machines
- Folding
- Foster and Harrison's Flat Machines
- Hand Frames
- Jersey Heads
- Measuring
- Overlooking
- Pearl Machines
- Pressing
- Scott-Williams' Machines
- Supervising in Various Depts.
- Trimming and Overlooking
- Warehouse and Inspecting
- Warehouse Overlooking
- Warehouse Work
- Warping for Milanese Fabric
- Winding
- X.L. Machine
- Yarn Men

Jute

- Batching
- Calendering
- Cloth Picking
- Cropping Machine Winding
- Dressing
- Hand Cutting Bass
- Hydraulic Press Packing
- Machine Feeding
- Packing
- Preparing
- Putting up Yarn in Dyehouse
- Rove Frames (working on)
- Sack Bundling
- Sewing Ends
- Shifting Bobbins
- Spinning
- Stitching
- Tenting
- Twisting
- Weighing up Cans

Lace

- Beaming
- Brass Winding
- Punching at Cards
- Reading-off
- Shuttling
- Spooling
- Stripping
- Threading
- Threading Levers Lace
- Warping

Linen

- Balling
- Beaming
- Bleaching Cloth
- Breaker Cans
- Brindling
- Card Copying
- Carding
- Cropping Machine Winding
- Cutting
- Drawing
- Dressing
- Drying
- Examining
- Finishing Cloth
- Finishing Thread
- Hackling
- Hemp Breaking
- Lapping Machine Winding
- Loom Tenting
- Machine Repairing
- Mounting
- Piecing
- Roughing
- Roving
- Spinning
- Warehouse Work
- Warping
- Weaving
- Yarn Preparing Machine Minding
- Yarn Weighing

Mat and Fibre

- Balling-up
- Cleaning Fibre
- Fibre Mixing Machines
- Hand Finishing
- Hand Hackling
- Hand Loom Weaving
- Large Power Loom Weaving
- Pulling down Yarn
- Quill Winding
- Rod Mat Weaving
- Stranding
- Winding

Rope and Twine

- Balling
- Doubling
- Foreboard
- Knotting
- Machine Minding
- Machine Twisting

Rope and Twine (*continued*)

Making Twine
Making-up and Packing
Preparing
Rope Walk Stranding
Small Rope Making Machines
Splicing
Splicing Fixing Pegs on Ropes
Stretching
Stripping
Supervising
Tarring
Winding

Sack Making

Beating
Cleaning
Cleaning at Power Driven Brushes
Examining
Hand Cutting Machine
Hand Stitching Coal Sacks
Machine Stitching Nosebags
Packing
Power Machining
Receiving
Repairing
Sorting
Stamping
Trucking
Twining
Warehouse Work
Weighing

Silk

Appold Looms (warping for)
Bobbin Carrying
Braid Tenting
Combing
Cutting
Finishing
Looming
Reeling
Spinning
Supervising in Spooling Room
Throwing
Twisting
Warehouse Work
Warping for Appold Looms
Weaving
Winding

Textile Small Ware, Tents, Belting, Braid, etc.

Braiding Rubber
Brattice Cloth Machine Minding
Brass Winding
Carrying Washed Hair to Kilns
Cleaning Cylinders
Cording
Cutting Holdalls
Cutting Out Tents
Eyeletting
Feeding Machines (Brattice Cloth)

Textile Small Ware, etc. (*continued*)

Feeding Teasing Machines (Hair)
Garnetting
Grummetting
Hammock Sewing
Inspecting
Machining Tents
Mixing Clay
Rag Washing
Scribbling Machines
Sizing Hemp Spinners
Splicing Small Cords
Stitching Tents
Strap Sewing
Stripping
Tarpaulin Spinning
Tent Finishing
Threading
Warping Belting
Weaving Horsehair Cloth
Weaving Small Wares

Textile Bleaching and Dyeing

Yarns

BUNDLE DYEING
Banding and Assisting in Grey Room
Heading (in dry process)
Making-up and Pressing (on power presses)
Papering and Ticketing

COPS
Packing Cops in Cases after Drying
Packing in Dyeing Machines
Spindling
Stoving

RAW COTTON DYEING
Feeding Cotton Breaker (preparatory to drying after dyeing)

WARPS
Assisting in Grey Room
Balling Machines up to Warps of 25 lb. each
Box Watching of Dyeing Machines, and in some cases Size Machines
Warp Splitting (either by hand or power)

Piece Goods

Bleaching

ASSISTANTS ON TINS
Guiding-in on Clip Stretchers, Belt Stretchers, and Stenter
Marking Lot Numbers in Grey Room
Piling Light Goods
Scutching
Stitching

MAKING-UP ROOM
Assisting in Carrying-off for Stampers
Assisting in Filling and Emptying Hydraulic Press with Light Goods (not lifting iron plates)
Banding
Creasing
Cutting

Textile Bleaching and Dyeing (*continued*)

Piece Goods—Bleaching (*continued*)

Cutting Patterns
Light Stamping
Making up Light Goods
Making up Light Shirtings
Parcelling Light Goods
Parcelling Light Shirtings
Paring
Piling Light Goods ready for Press
Plaiting
Ribboning
Silking
Straightening
Taking Light Goods out of Presses (not lifting pieces)
Taping
Ticketing

PACKING ROOM
Marking-off
Making out Pack Tickets and Invoices
Taking Lengths

Calico Printing

BLEACH CROFT
Plaiting Down

DYEING AND SOAPING DEPARTMENTS
Guiding Pieces
Plaiting down from Drying Machines
Sewing

FINISHING
Guiding Pieces
Sewing
Taking off Drying Machines

GREY ROOM
Sewing
Stamping

MACHINE ROOM
Plaiting down for Printing Machines (provided the heat is not excessive)

WHITE ROOM
Drying Tins
Stamping and Sewing (not carrying)

STENTERING
Feeding and Plaiting down (provided the heat is not excessive)
Sewing

WAREHOUSE
Clerical Work
Cutting and Straightening
Pattern Cutting
Plaiting Machines
Silking

Dyeing (Velvets and Cords)

Ageing, Loading, and Unloading
Bleaching, Ashpans, Sour Kettles, Chemic Machines, Washing Machines, Winces, Mangle, etc.
Cord Cutting by Hand and Machines on Velvet Goods only
Doctoring
Drying Cylinders—Edge Minding, Tail Ending, Wiring-in, and Carrying
Examining Cloth

Piece Goods—Dyeing (*continued*)

Finished Goods Room—Charge of Mender Room
Finished Goods Room—Checking Goods for Town
Finished Goods Room—Stamping
Finishing Machines
Gregging Room
Grey Treadles, etc.
Grey Stock Rooms (receiving, wheeling trucks, etc.)
Laboratory (assistants)
Mole Department (backing, shearing, finishing)
Passing Table (marking-off, carrying, etc.)
Peg Machines, Minders, Pulling Over, and Carrying
Piece Carrying, Trucking, etc. Grey Departments
Plaiting Machines
Pony Driver
Scouring Winces (first time and picker)
Setters up
Shearing Machines
Soaking Becks
Stretching
Tramway Attendant
Washing and Brushing
Whizzing (first time pickers and dyed)

Dyeing (other than Velvets and Cords)

CLOTH OVERLOOKING
Stiffening and Drying on Continuous Machines: Guiding-in or taking-off

FINISHING
Back of Schreiner Calenders—Guiding on Batch at back
Damping Machines—Guiding on from Wagons and Plaiting-off
Holding through Endless
Making-up Room:
Banding, Taping, Silking, and Ribboning
Cutting and Straightening
Cutting Patterns
Filling and Emptying Press (plates must not be lifted by women)
Light Hooking and Stamping
Light Parcelling, Making up Light Goods
Marking-off and Ticketing
Papering and Tilloting
Plaiting and Creasing Machine
Pin and Clip Stretching. Guiding-in and Plaiting-off
Storekeeping
Strap Stretching—Guiding-in and Plaiting-off

GREY ROOM
Sewing, Measuring, Weighing, Stamping, and Piling Light Work

HOT AIR STENTER
Guiding-in and Taking-off, Weft Straightening

Textile Bleaching and Dyeing (*continued*)

Piece Goods—Dyeing (*continued*)

MERCERISING
Assisting at Mercerising Machines, Guiding and Plaiting-off

RAISING AND FELTING MACHINES

SCUTCHING
Open on to Wagons

SEWING
In any Part of the Works

N.B.—Batch Carrying and Lifting must be done by men.

Webbing

Band Knife Cutting
Cloth Shrinking
Cutting
Eyeletting
Finishing
Fitting Ends to Straps
Riveting to Wood Battens for Shell Slings
Stitching
Stretching
Stringing
Taking off Calender
Taking off Dyehouse Machines
Washing Pieces on Winces
Washing Machines
Waxing
Working Hydro Extractor

Woollen and Worsted

Woollen

Banking and Bolting
Blanket Folding, Beaming, Raising, Stacking
Blending
Blowing
Burling
Carding
Condenser Watcher
Creeling
Cutting and Cropping
Drawing
Dyeing
Examining
Feeding Rag Shaker
Filling Patent Automatic Hopper Feeds
Filling Quilts
Hoist Work
Knotting
Laying-on Departments
Machine Tenting
Milling Department

Woollen (*continued*)

Minding Machines in Finishing Department
Minding Scrubber Machine
Mule Spinning
Packing
Perching
Pattern Weaving
Piece Inspecting
Piecing
Pressing
Rag Grinding
Raising
Reaching-in
Reeling
Ring Spinning
Scouring
Sorting
Stock Keeping and Handing out Yarns
Taking Bobbins from Condenser
Twisting-in
Warehouse Work
Warping
Warp Sizing
Watching Wool at Scribbler Ends
Weaving
Winding
Yarn Dyeing Machine

Worsted

Back Washing Machine Minding
Bobbin Carrying
Breaking-off
Can Catching
Card end Minding
Card Feeding
Card Picking
Carding Machine Minding
Combing Machine Minding
Doffers' Asst. Overlooker
Gilling Machine Minding
Hanking
Loosing after Combs
Papering Yarns
Perching
Preparing Box Minding
Set Weighing
Twisting-in
Warping
Wash Bowl
Weaving
Weft Room Work
Wetting
Willeying Machine Minding
Yarn Drying
Yarn Testing

Box and Packing Case Making

Backing-up
Barrel Making
Boring
Box Corner Planing
Box Making
Branding
Buffing
Carrying Boxes
Checking
Circular Saws (small) Feeding and Taking-off
Compressing
Corner Hinging
Dovetailing
Drawing from Saws
Drilling
Feeding Box Making
Finishing
Fitting Posts, Pegs, and Chairs
General Transport
Glueing Boards
Grooving
Hand-holeing
Handle Finishing
Jointing
Knotting Handles
Labelling Wooden Pegs
Labouring
Loading Staves on Trucks
Machine Drilling
Machine Minding
Making-up
Matching
Measuring Staves
Nail Straightening
Nailing
Packing
Painting
Piling Staves and Heads
Planing
Printing
Putting Together
Rope Knotting
Sand-papering
Screwing
Small Turning
Splicing Handles
Stacking Boxes
Tacking
Tongueing
Turning Bobbins
Turning Tool Handles

Furniture

Boring
Buttoning Cushions and Mattresses
Carving (hand and machine), etc.
Cording
Cover Making
Cramping
Dowelling
Drawing Cushions and Mattresses
Enamelling
Finishing (upholstery), etc.
Filling Cushions and Mattresses
Fixing Webs and Springs
French Polishing
Glueing
Inlaying
Moulding
Painting
Repetition Machine Work, Light (as under Box and Packing Case Making, above)
Sand-papering
Seating throughout Pin-stuffed Chairs
Sewing
Staining
Tracing
Turning

Saw Milling

Bench Saws
Boring
Carrying Timber
Circular Saws (small), Feeding and Taking-off, etc.
Cork Sizing
Cross Cutting
Dovetailing
Glue Department
Hole Boring Machine
Labouring
Lathe Work
Loading Boards
Loading Pit Props
Making Rifle Holders
Mortising
Moulding Machines, Feeding and Taking-off
Nailing Blocks together
Papering Boards
Paving Blocks
Planing Machines, Feeding and Taking-off
Tenoning
Vertical Spindle (straight work)

Basket Making and Wicker Work

Basket Fitting
Basket Making (lighter branches)
Cane Work
Lining Panniers
Packing
Painting
Peeling
Sorting Willows
Wood Cutting

Bricks

Common Bricks

Loading
Pressing
Setting
Stacking
Taking off from Presses
Wheeling

Glazed and Enamelled Bricks

Cutting Clay
Dipping
Drawing
Enamelling
Finishing
Glazing
Moulding
Pressing
Putting on Slips
Setting
Taking off from Presses
Wheeling

Brush Making

Boring by Machine
Drawing
Dressing, Fibre and Bristle
Drilling
Fashioning (second fashioning) of Bone Brushes
Filling
Finishing
Glueing
Hair Dressing
Hair Mixing
Packing
Paint Brush Making
Painting
Pan Work (fibre and hair)
Passing
Planing
Polishing
Sand-papering
Shaping
Tacking
Trimming
Varnishing
Wood Turning

China, Earthenware, Pottery

China

Board Washing
Casting
Cleaning Stoves
Cleaning Mangles
Colouring Machine Attending

China (*continued*)

Decorating
Dipping
Dusting
Dusting-off Machines
Filling Saggerswith Ware (both Glost and Biscuit)
Flat Jolleying
Flat Knocking
Hand Colouring
Handling
Hollow-ware Jiggering
Hollow-ware Jolleying
Litho-transfer Making (various subsidiary processes)
Mould Running
Placing (not heavy carrying)
Tile Pressing
Turning

Fireclay Goods

Application of Bodies and Glazes
Carrying Pipes (small sizes)
Fettling
Finishing
Laying out Tiles
Making Tiles (by hand)
Making Small Sinks, Basins, etc.
Setting
Stacking-up
Taking off Firebricks from Presses
Wheeling to Kiln

Stoneware

Dipping Jam Jars and Stone Bottles
Making Jam Jars and Stone Bottles
Packing Jam Jars
Turning Jam Jars

Ware, Red and Buff Clay

Glazed

Clay Preparing
Drawing
Glazing
Setting
Taking-off from Thrower

Unglazed (Flowerpots, Tiles, etc.)

Carrying to Kiln
Drawing
Taking from Presses to Machines
Throwing Flowerpots
Wheeling

Tobacco Pipes, Moulding

Games, Toys, etc.

Cross Cut and Circular Saws
Cutting Out (football covers)
Lathe Work
Leather Work
Machine Work
Packing
Painting
Picture Frame Joining
Polishing
Power Presses

Gas and Electricity Supply

Barrowing Coke
Cleaning and Maintaining Lamps, Burners and Mantles
Cleaning, Repairing, and Painting Meters
Collecting Accounts
Fitting Stoves
Inspecting Meters
Labouring (lighter work)
Lighting Street Lamps
Loading Coke or Breeze
Packing Coke or Breeze
Reading Meters
Screening Coke or Breeze
Show-room Attendants
Show-room Cleaners
Switchboard Attendants
Testing Meters
Washing Coke or Breeze

Glass

Glass Bottle Making

Carrying from Blowers to Ovens
Carrying from Tables
Emptying and Filling Lehrs
Packing
Puntying Bottles
Riddling
Sorting Bottles
Trucking

Other Glass Making

Bending
Box Making
Carrying Plate Glass
Cementing Leaded Panes
Cleaning Glass
Crane Driving
Discharging
Glass Cutting
Glass Edging
Glass Grinding
Making Iron Hampers
Mixing (assisting)
Packing
Polishing
Silvering
Syringe Work
Working Broken Glass

India Rubber and Gutta Percha

Manufacture and Reclaiming of Rubber

Calenders (assisting)
Chemists' Department (assisting)
Crushing on the Masticators
Drying Cylinders (assisting)
Feeding Calenders
Mixing Machine Minding (Dry Powders)
Mixing Machine Minding (Wet, preparatory to spreading)
Rough Spreading
Packing, etc., in Stores
Taking off Strip Rubber from Calenders
Warming-up
Washing on the Masticators

Manufacture of Rubber Articles

Armouring Machine (Hose of Small Diameter)
Asbestos Cloth Cutting
Blowing on and off Cycle Tubes
Buffing
Building up of Treads
Building up of Tyres
Case Making
Cleaning Tyres
Cold Cure Department
Corrugating Vacuum Hose
Covering Bands
Covering Wringer Rollers
Cutting and Making up Joints, Valves, Washers, etc.
Cutting and Making up Cushions, Hot Water Bottles, Water Beds, etc.
Cutting and Making up Rubber Gloves
Cutting Canvas
Cutting Ground Sheets and Garments by Cutting Machines, Short Knife, and Slot Knife
Cutting Rubber for Tyres, etc.
Cutting
Cycle Tube Making
Fixing Tread
Hose Making Assistants (Large Diameter Hoses)
Hose Making, Machine and Hand (Small Diameter Hoses)
Hydraulic Press Attending
Making up Joints, Valves, Washers, etc.
Measuring
Moulding (Hydraulic Presses and helping at Steam Vulcanisers)
Pasting up of Cloth
Riveting Steel Studs
Rubbering Bands
Sieving Cushions, Hot Water Bottles, and Water Beds, etc.
Short Knife Cutting
Slot Knife Cutting
Spreading Department, Pasting-up
Steam Vulcanisers (helping at light work)
Steel Stud Riveting
Solid Tyre Department, Covering and Rubbering Bands
Tube Making by Hand
Tubing Machines
Tyre Cleaning
Tyre Examining
Vacuum Hose Making up (by hand)
Varnishing
Vulcanite Buffing
Warehouse Processes

Leather Dressing and Tanning

Blue Striking out
Brushing-off
Brushing-on
Buffing
Carrying off from Machines
Carrying off from Sorters
Colouring
Carrying
Dipping in Hypo and Acid Liquors
Embossing

Leather Dressing and Tanning (*continued*)

Emptying Barrels
Emptying Tumblers
Glazing Machines (slow action)
Hair Sorting and Dyeing
Handling at Lime Pits
Handling at Slings or Pits
Hanging Leather
Hooking Light Leather from Pits
Horsing-up
Ironing
Light Labouring
Liquor Pumps (attending)
Offal Parts (all processes)
Oiling
Opening out Skins
Paddles (attending)
Piling Skins on Horses
Pinner Machines (assisting)
Polishing
Printing
Rolling
Scouring
Scraping off Hair which Machines have failed to remove
Seasoning
Serial Striking-out
Setting Machines (attending)
Single Striking-out
Sizing
Softening
Sorting Hair and Leather
Splitting
Staining
Staking
Storing in Racks
Straining (hand work)
Stuffing
Vat Attending
Washing

Leather Goods

Cutting
Dressing
Finishing
Machining
Nailing
Packing
Passing
Pasting
Press Working
Punching-out
Riveting
Sewing
Stamping
Stitching
Sorting
Varnishing
Vyse Working

Linoleum, Celluloid, Horn, etc.

Linoleum and Floorcloth

Block Building
Colour Mixing
Cork Grinding

Linoleum and Floorcloth (*continued*)

Cork Trimming
Felt Rolling
Finishing
Inlaid Making
Laying
Packing
Stove Work (filling and emptying)
Trimming
Varnishing

Celluloid and Horn

Butting
Button Turning
Dollifying
Drawing
Grinding
Polishing
Setting

Pianos and other Musical Instruments

Pianos

ACTIONS
Broaching
Bushing
Centring
Checking
Covering
Drilling
Finishing
Regulating
Screwing-down
Slotting
Wire Buttoning
Wiring

CASE MAKING
Filling
Finishing and Regulating
Fly Finishing
Staining
Varnishing and Polishing
Varnishing Sounding Boards
Veneer Cutting
Veneer Laying
Veneer Trimming

HAMMERS
Cleaning
Felting
Making
Shanking
Stitching

KEYS AND KEY-BOARDS
Boring
Cutting
Finishing
Saw Milling

METAL STUD MAKING

WREST PINS
Cutting Machines
Drilling Machines
Filing Machines
Hammering Machines

Pianos, etc. (*continued*)

Other Musical Instruments

Assembling
Cleaning
Light Machine Work
Packing
Player Work
Sand-papering
Store Room Work
Varnishing
Woodworking Machines

Tobacco

Basket Wheeling
Blending
Cardboard Box Making
Cigar Making
Cigarette Machines
Cigarette Collecting
Cutting Machines
Helping Stovers
Hydraulic Plug Pressing

Tobacco (*continued*)

Inspecting
Knocking off Covers
Labelling
Leaf Handling
Leaf Stripping
Liquoring
Machine Dressing
Marking and Hooping
Packing
Packing Presses
Plugging Machine Feeding
Printing
Proctor Machines
Roll Making
Rotary Machines
Shag Spreading
Sorting in Warehouse
Spinning
Stove Soldering
Supervising
Sweeping
Tobacco Cutting
Tray Carrying
Wetting Machine

NON-INDUSTRIAL OCCUPATIONS

Clerical Work

Women are now employed in all kinds of Clerical Work in:

Banks
Business Houses
Government Offices
Insurance Offices
Municipal Offices
Professional Offices
Railway Offices

Porterage and Light Labouring

Women are being employed upon carrying and light labouring work in most trades. They are fitted for all such work except where heavy lifting or pushing is required. In some cases the introduction of mechanical devices has brought work otherwise too heavy within their powers.

Instances of heavy physical work successfully undertaken by women are illustrated in Part II of this book. See footnote to Index of Photographs, page 40.

Post Office Work

Women have long been employed on Post Office work both Clerical and Manipulative, and are now employed on many duties hitherto performed mainly or exclusively by men. For example, several thousand women

Post Office Work (*continued*)

are now engaged in three shifts covering the twenty-four hours in sorting letters and parcels at the Inland Circulation Office at Mount Pleasant. Others are engaged in sorting work for the Army Post Office, and some even in the Travelling Post Offices. Large numbers are employed as postmen both in town and country.

Clerical duties (head-quarter or administrative offices)
Counter duties (sale of stamps, licences, etc., issue and payment of postal and money orders, and Savings Bank, Parcels Post, and Telegraph business)
Manipulative Duties—Indoor (Telegraphy, Telephone Exchange work, Trunk Telephone work, sorting of letter-mails,[1] bag-opening,[1] etc., sorting of newspapers[1] and of parcel mails[2])
Manipulative Duties—Outdoor (Postmen's work,[2] *i.e.*, collection and delivery of letters and parcels, on foot or on cycle —both in town and rural areas)

Special.—Travelling Post Office work[2] (sorting in the Post Office Mail Vans attached to the chief mail trains)

[1] Duties marked thus have hitherto been mainly performed by men.
[2] Duties marked thus have hitherto been exclusively performed by men.

Retail and Distributive Trades

Women are being extensively employed by retail tradesmen for counter work, packing, and delivering, in trades where men were previously employed. Packing and delivering are considered under Warehouse Work and Van Work (Transport) respectively. The employment of women on counter work depends to some extent on the weight of goods to be handled. In some trades, *e.g.* grocery, the goods may be packed in smaller quantities than was formerly usual, while in others a few men must be retained for heavy lifting. Even in the latter case, however, there is often much work which can be done by women. In the piece goods department of a large draper, for instance, women may not be able to lift the heavy rolls of cloth, but all the actual serving, measuring, etc., may be done by them and the male staff thus greatly reduced.

Transport Trades

Railways

Booking Clerks
Carriage Cleaners
Carriage Washers
Carriage Repairers (seats, upholstery)
Clerks (Administrative offices)
Cooks in Dining Cars
Electric Train Cleaners
Engine Cleaners and Greasers
Goods Porters (barrowing, etc.) in Goods Yards or Warehouses
Labourers in Repair Sheds
Lift Attendants
Labourers in Stations (trucking, etc.)
Machinists in Railway Workshops
Messengers
Number Takers
Parcels Porters
Platform Porters
Telegraphists
Ticket Collectors

Railways (*continued*)

Ticket Inspectors
Waitresses in Hotels, Refreshment Rooms, and Dining Cars
Wagon Sheet Repairers

Tram and Omnibus Services

Chauffeuses
Cleaners in Electric Power Stations
Magnet and Coil Winders
Switchboard Attendants in Electric Power Stations
Tram and Omnibus Cleaners
Tram and Omnibus Conductors
Tram and Omnibus Drivers
Tram and Omnibus Inspectors

Van Work, Delivery, etc.

Women are now employed to drive motor and horse vans and to deliver for business houses of all kinds and more especially for retail traders.

Warehouse and Stores Work

Women are now employed for packing, loading, barrowing, and other warehouse work in the Post Office stores, Railway stores, Railway goods stations and warehouses, and business houses. The only work of this kind which they cannot undertake is that which involves heavy lifting.

In some cases, *e.g.* "Manchester" warehouses, much of the heavy lifting must be done by men, though by a rearrangement of work their labour may often be "diluted" by that of women. In other types of business, *e.g.*, Grocery Trade, Flour Milling, the goods can be handled by women if packed in smaller quantities than formerly.

Instances of heavy physical work successfully undertaken by women are illustrated in Part II of this book. See footnote to Index of Photographs, page 40.

AGRICULTURE

List of Occupations in which Women are successfully employed

Occupation	Particulars of Occupation	Remarks
Agricultural Labourer—Farm Servant	Bondager; datal man (on farm); drillman; hay and straw binder; hedger and ditcher; hop ground labourer; mulcher; strapper; twitcher.	Large numbers of women are doing the different kinds of work mentioned, and are being increasingly useful.
Agricultural Labourer—for Cattle	Cattleman; milker; dairyman (on farm); stockman's assistant; yardman.	In large numbers and with success.
Agricultural Labourer—for Horses	Carter (on farm); ploughman; teamsman.	To a very limited extent, as only the women who have a knowledge of horses are suitable.
Agricultural Machine Attendant	Reaping machine attendant; motor plougher; straw presser; threshing machine attendant.	To a limited extent. Quite suitable work, but experience required.
Gardeners	Cropper; landscape gardener; labourer; orchard gardener.	In large numbers. Demand much exceeds supply.
Market Gardener (including Labourer)	... ...	In large numbers. Demand much exceeds supply.
Nurseryman, Seedsman, Florist	... ...	Largely.
Plantation Labourer	... ...	To a limited extent.
Shepherd's Help	... ...	In a few instances. More might be done by women.
Miscellaneous workers engaged in or connected with Agriculture	Filbert grower; grass-keeper; hop, fruit, pea picker; osier grower, trimmer; peat cutter; poultryman; teasel grower; turf cutter; twig cutter; watercress gatherer; willow hoer and trimmer.	In very large numbers. Much of this work is habitually done by women.

MUNITIONS WORK

Successfully Undertaken by Women in Temporary Substitution or Dilution of Male Labour

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For convenience of reference the information under this head is arranged in three lists:

I. LIST OF CHIEF TRADES REPRESENTED (see below).
II. SUMMARY OF PROCESSES USED (pp. 32-34).
III. LIST OF ITEMS MADE—Manufactured Articles, Parts, etc. (pp. 35-38).

I. LIST OF CHIEF TRADES REPRESENTED

Aeroplane Manufacture
Ammunition Manufacture
Artillery Manufacture
Brick Making
Canvas Goods, Manufacture
Chemical Trades (Explosives)
Electrical Trades (including Telephone, Telegraph, and Wireless)
Engineering generally
Explosives, Manufacture
Instrument Making (Optical and Scientific)
Leather and Canvas Goods, Manufacture
Marine Engineering
Mechanical Engineering
Metal Trades
Optical Instrument Making
Rubber Manufacture
Scientific Instrument Making
Shipbuilding
Soap Manufacture
Wood Working

II. SUMMARY OF PROCESSES

ACETYLENE WELDING—aero engine parts, brass tubes of 18 gauge, etc.

ANGLE-IRON SMITH'S work (as helpers and back handers)—shipbuilding

ARMATURE WINDING—small coils

ASSEMBLING—aero bomb droppers, cages for ball-bearings, countershafts, electric fittings, motors (small), switches, fuse adapters, gear parts, etc.

BANDING—pressing and turning copper bands on shells

BEADING—sheet metal, etc.

BENCH WORK (fitting)—assembling, filing, fitting, marking-off, scraping

BENDING—aero engine parts, pressure gauges, tubes, etc.

BLADING—turbine rotors and stators, threading blades

BLENDING—explosives

BLOCKING—mirrors (prisms—optical munitions)

BOILING—cotton for explosives

BOLT MAKING—on automatic machines

BORING—castings, forgings, howitzer bombs, lathe spindles, turbine segments, wheel blanks, etc.

BRAIDING—wire

BRANDING—files

BRASS CASTING

BRASS FINISHING

BRAZIER'S WORK—as Plumbers' and Coppersmiths' helpers

BRAZING—turbine blades

BRIQUETTE MAKING—coal (small)

BROACHING—to limit of ·0005

BRONZING—parts of electrical apparatus and scientific instruments

BUFFING (metal)—cartridge cases, etc.

BUFFING (rubber)—vulcanized rubber sword handles, etc.

CABLE COVERING AND INSULATING—electric, telegraph, and telephone

CASING—rubber tyres

CASTING—brass (foundry work)

CASTING—shrapnel bullets, etc.

CAULKING—turbine segments, etc.

CEMENTING—lenses (optical munitions)

CENTRING—lenses (optical munitions)

CHAMFERING—lenses (optical munitions)

CHAMFERING—woodwork, ammunition boxes

CHARGING—nitric acid retorts (explosives)

CLASSIFYING—bolts (shipbuilding, etc.)

COILING—steel strips for cartridges, wire (electric)

COLOURING—patterns (wood)

CORE MAKING (foundry)—brass, copper, iron

COUNTERSINKING—holes in ships' plates, etc.

CRANE DRIVING—electric overhead travelling cranes

CRUCIBLE MAKING—clay, for foundries

CUTTING—carbons (electric) to length; condenser tubes; files (by hand and by machine); flue holes in boiler end plates, gears, bevel, helical, and spur; keyways (on slotting machine); machine tools; turbine segments; wire for darts; etc.

CUTTING—oxy-acetylene process

DIAL WRITING—boiler and engine fittings, pressure gauges, etc.

DIPPING (nitrating)—cotton for explosives

DIPPING (plating)—electric apparatus, etc.

DIVIDING—clinometers, compass dials, etc.

DOPING—aero wing covers

DOVETAILING—woodwork, ammunition boxes, etc.

DRAWING—wire

DRESSING—castings (foundry work)

DRILLING—aero parts, bearings, boiler end plates, boiler flues, boiler shells, bombs (howitzer), brackets (cast iron), breech mechanisms, clocks for scientific instruments, horseshoes, turbine segments, etc.

DRILLING—multiple spindle machine

DRILLING—slot drilling (slotting machine)

DRYING—cotton (raw or nitrated) for explosives, etc.

DRY SOAP MAKING

EDGING—glass (lenses), sheet metal

ENAMELLING parts (electrical apparatus, instruments, etc.)

ENGRAVING—dials (boiler and engine fittings, pressure gauges, etc.), scientific instruments, etc.

EXPLOSIVES (processes generally)—blending cubes, boiling cotton, centrifugalling, charging retorts, cutting sheets into cubes, dipping, drying, firing retorts, grinding, incorporating, mixing, nitration, pressing, reeling cordite, rolling paste into sheets, sifting, sulphuration, etc.

FACING—bolt holes, nuts, pipe flanges, etc.

FERRULING—condensers and oil coolers

FETTLING—bearings, small parts, etc.

FILING—aero engine parts, aluminium packing for rotors (turbine), armature cores, brass wedges for rotors (turbine), gear parts, wheel blanks for hardening, etc.

FILLING AMMUNITION—bombs (explosive, gas, or smoke), cartridges, shells (H.E., shrapnel, or star), and explosives generally

FILLING IN AND MARKING—indicator plates with wax; wood patterns, etc.

FIRING—nitric acid retorts (explosives)

FITTING (bench work)—aero bomb-droppers, clips, countershafts, machine-gun parts, slide rests, etc.

FLAKING—picric acid (explosives)

FLANGING—pipes, sheet metal, tin work, etc.

FLATTING—motor cycle parts

FLUTING—aero-engine parts, taps, etc.

FOLDING—sheet metal

FOUNDRY WORK (brass, copper, iron)—clay work (crucibles), core making, dressing castings, moulding, tub work

FRENCH POLISHING

GALLETTING—ore (putting up in hand briquettes)

GALVANIZING—small parts, etc.

GAUGING—fuses, shrapnel bullets, small parts, etc.

GLUEING—woodwork, ammunition boxes, etc.

GRINDING—ball races, bearings, files, glass (for engine fittings, pressure gauges, optical instruments), liners, machine tools (milling cutters, twist drills, valve seating cutters), nuts (faces of lock nuts), tools (saws, small tools, etc.)

GRINDING (interior)—friction rings
,, (to size)—to $\frac{1}{4}$ thousandth of inch, pins for registering lathe turrets

GRINDING AND MIXING—explosives

GUILLOTINING—sheet metal, tin work, etc.

HAMMER DRIVING—power

HAND STITCHING—canvas haversacks, etc.

HARDENING—saws, etc.

HEATING—rivets (shipbuilding)

HEAT TESTING—explosives

HOLDERS-UP—shipwork

INCORPORATING AND MIXING—explosives

INSPECTING (generally)—parts and finished articles

INSULATING—cable (by machine)

JAPANNING—tin work

JOINTING—making metal joints, soldering, welding, etc.
,, making rubber joints for ships' pipes

JOGGLING—assisting at Joggling machine on small plates (shipbuilding)

LABOURING WORK—bagging slag, barrowing, carrying, cleaning (shops and machinery), clearing up, red leading, chipping (shipyards), cutting soap, driving horses, loading, packing, shovelling (cinders, coke, loam, etc.), sorting (scrap, etc.) stable work, teeming horses, trucking, washing (carboys, etc.), wheeling, weighing, etc.

LACQUERING—brass parts, fuses, radiator tubes, scientific instruments, etc.

MACHINE TOOL MAKING—various automatic and semi-automatic processes (boring, cutting, drilling, milling, slotting, turning, assembling, fitting, etc.)

MACHINING (engineering)—generally
,, (sewing)—aero wing covers, canvas, leather equipment, etc.

MARINE ENGINEERING—various processes

MARKING—dials and gauges (pressure, etc.) on card or metal

MARKING OFF—bench work, fitting

MARKING OUT—casting, etc., on surface table

MICROMETER WORK

MILLING—cross, slot, spiral, and vertical
,, aero engine parts, cutters (teeth in), machine guns (cross milling), square turrets for lathes, taps, turbine blades, segments, etc.

MIXING—explosives

MOULDING (metal)—foundry work, shrapnel bullets
,, rubber

NICKELLING parts

NITRATING (dipping)—explosives

OPERATING MACHINES—automatic machines, band saws, bolt centring machines, cable insulating machines, cranes (electric overhead travelling), dovetailing machines, drills (multiple, spindle, and sensitive), engraving machines, grinding machines (Churchill cylindrical grinder), joggling machine (shipbuilding), lathes (capstan, centre, chuck, turret, etc.), milling machines (cross, slotting, spiral, vertical), reamering machines (special), screwing machines, studding machines, tapping machines, etc.

OXY-ACETYLENE—cutting and welding

OXYDISING

PACKING—generally

PAINTING—generally

PAPERING—ammunition boxes, dynamometer bars, etc.

PELLETING—picric acid (explosives)

PHOTOGRAPHY—photo plan work

PICKING—cotton for explosives

PLANING (machine)—general light work, plate edges (ship's plates)

PLATE BENDING (machine)—ship's plates

PLATING—as platers' helpers (shipbuilding)
,, (electro plating)—electric apparatus, fuses, instruments

POLISHING (glass)—lenses (optical munitions)
,, (metal)—electric apparatus, fuses, instruments, etc.
,, (wood)—see FRENCH POLISHING

PRESSING (metal)—seams (tin work), sheet metal, shrapnel bullets
,, explosives

PRESS STAMPING—brass, tin work, etc.

PROFILING—machine guns

PULPING—cotton for explosives

RED LEADING

REAMERING—(special machine)

RECESSING—ends of Lincoln pins (chains)

RE-FORMING (hydraulic)—cartridge cases

RIVETING—base plugs for shrapnel; boiler flues (operating portable hydraulic rivetter)

ROLLING—carbons (electric), sheet metal

ROLLING OUT—dents in cartridge cases

ROPE MAKING—hemp core for wire rope; wire rope

ROUGHING—lenses (optical munitions)

RUBBER WORK—electric cables covering, and insulating; tyres, casing; sword handles (vulcanized rubber), buffing, rubbing, shellacing, polishing, solution work on aeroplane wings

SAND BLASTING (cleaning)—motor cycle parts, etc.

SANDPAPERING—wood patterns, etc.

SCORING—brass parts for pressure gauges, etc.

SCOURING—for electro-plating

SCRAPING (bench work)—gear castings, slide rests, etc.
,, (for enamelling)—motor parts, etc.

SCREW CUTTING—parallel threads to limits

SCREWING (machine)—pipes, etc.
,, (wood)—aeroplane parts, woodwork generally

SEAMING—sheet metal

SHANKING—lenses (optical munitions)

SHAPING—carbons (electric)
,, metal; gear parts, pressure gauges, etc.

SHELLACING—vulcanized rubber sword handles

SHARPENING—band saws, saws, taps, etc.

SHERARDIZING

SHIPBUILDING—various machining processes, and labourers' work

SIFTING—explosives

SILVERING—mirrors (optical munitions)

SIZING—aero wing covers
,, cartridge cases, fuses, etc.

SLITTING—glass (optical munitions)

SLOT DRILLING—general

SLOT MILLING—general

SMALL TOOL MAKING—various automatic and semi-automatic processes, grinding, sharpening, etc.

SMOOTHING (glass)—lenses
,, (wood)—dynamometer bars, etc.

SOFTENING—cartridge cases

SOLDERING—as Plumbers' or Coppersmiths' labourers
,, acetylene lamps, fuse boxes (tin), respirators, etc.

SOLUTION WORK—on aero wing covers

SORTING—balls (for bearings), bolts, rivets, rollers (for bearings)

SPINNING—tin work

SPLICING (wire)—assisting in rigging aero wings

SPOT-WELDING—projections on core plates

STAINING—wood patterns, etc.

STAMPING—armature cores, brass, tin, etc.

STENCILLING—boxes, etc.

STITCHING (hand)—haversacks (canvas), etc.
,, (machine)—aero wing covers, leather and canvas equipment

STOREKEEPING—tool stores, etc.

STRAIGHTENING—files, shafts, spindles, etc.

STRANDING—wire

STUDDING—tyres (rubber)

SULPHONATION—for picric acid (explosives)

TAPPING—fuses, holes for rivets, nuts, tube plates, etc.

TEASING—cotton for explosives

TEMPERING—saws, tools, wire

TESTING—bandoliers, boiler tubes, bombs, condenser tubes, electric apparatus, instruments (scientific), mirrors (optical munitions), etc.

TESTING—heat tests for explosives, laboratory tests for explosives

TIN WORK—tin plate making
,, flanging, guillotining, japanning, pressing, pressing seams, stamping

TOOL MAKING (machine tools)—various automatic and semi-automatic processes, cutting, drilling, turning, etc.

TOOL MAKING (small tools)—various automatic and semi-automatic processes, grinding, sharpening, etc.

TRIMMING—armature cores, cores (foundry), soldered and welded joints, steel strips for cartridges

TURNING—ball races (bearings), bar brass, boiler end plates, boiler flue flanges, bombs (howitzer), cartridge cases, cast iron sleeves, conveyer chain links, "former" handles for machine tools, machine tool parts, motor parts, piston rings (aero engines), rod ends, shafts, spindles, studs, taps, etc.

TWISTING—electrical wire for fuses and detonators

UPHOLSTERY—shipbuilding

VARNISHING—aero wing covers, bombs, wood patterns, etc.

VIEWING—generally, parts and manufactured items

WASHING—explosives

WEAVING—wire for submarine nets

WELDING—acetylene welding
,, general light welding on marine engineering work, trench bombs 9 inch

WELDING—spot welding projections on core plates

WHEEL BUILDING (fixing spokes)—for motor cycles

WINDING—armatures (up to 100 h.p.), coils, electric motors (alternate and direct current), rotors, stators

WIRE—braiding, cutting for darts, stranding, tempering, twisting for electric fuses, detonators, etc., weaving for submarine nets

WIRE DRAWING

WIRE ROPE MAKING—hemp core making and wire rope making

WIRING—(electrical) lighting, power, telegraph, telephone, and wireless (radio-telegraph) apparatus and installations, general ship work

WIRING (fastening)—assisting in rigging aero wings, fastening turbine blades

WOOD WORK (generally)—boring, chamfering, countersinking, cutting, dovetailing, drilling, french polishing, glueing, painting, papering, recessing, rubbing, screwing, stencilling.

III. MANUFACTURED ARTICLES, PARTS, ETC.

ACETYLENE LAMPS—soldering, riveting, and painting

AEROPLANES:

ENGINES:

Machining parts for aeroplanes, milling, drilling, filing, fluting, turning taps, and simple fitting

LIGHT WOOD AND METAL WORK:

Building, making and finishing ribs, spars, and small parts
French polishing
Wood screwing
Acetylene welding
Marking gauges on cards and metal
Cleaning, bending, and enamelling metal fittings
Filling in and marking indicator plates with wax
Simple fitting and assembling
Inspection

WING COVERS:

Machining, stitching, doping, sizing, varnishing, putting covers on wings, stretching and fixing fabric, solution work
Assisting in the rigging department on wire splicing

AMMUNITION, see also EXPLOSIVES:

ADAPTERS (fuse)—machinery assembling, packing

BASE PLUGS—for shrapnel, riveting, inspecting

BOMBS—2 and 3 in., core making, boring, drilling, turning
" 9 in., welding
" cleaning, varnishing, painting, testing, inspecting

BULLETS (shrapnel)—moulding, casting, washing, pressing, gauging, viewing

CARTRIDGES (.303)—all processes
" (blasting), making and packing
" filling bandoliers with
" filling chargers with
" grummets in connection with cartridge manufacture
" steel strips for trimming, coiling, and packing

CARTRIDGE CASES—turning, buffing, gauging, rolling out dents, sizing, tapping, softening, and reforming (hydraulic process)

DETONATORS—twisting wire for electrical fuses and detonators

FUSES—machining, sizing, tapping, lacquering, gauging, electro-plating, and polishing
" electrical, twisting wire for

GAINES—all operations in manufacture, assembling, and packing

GRENADES (hand)—all operations in manufacture, assembling, examining, filling, and packing

SHELLS—shrapnel, 3 in., all operations. H.E. shells, all machine operations on all sizes up to and including 9.2 in. (in some cases with assistance of special tackle for lifting 6 in., 8 in., and 9.2 in., in other cases with one labourer to five or ten women to do the lifting. Copper banding, riveting base-plugs, inspecting shell cases, and containers manufacture of

AMMUNITION BOXES, see WOODWORK

AMMUNITION CARRIERS—canvas for 4.5 in., stitching and making

ARMATURES, see ELECTRIC MOTORS AND APPARATUS

ARTILLERY, etc.:

BREECH MECHANISM—all fitting on breeches of 3 in. submarine gun, breech rings, etc., of 6 in. guns, etc.

GUN SIGHTS—for 4 in., 6 in., and 8 in. howitzers, and 3 and 6 pounder naval guns

MACHINE GUNS—machining parts, cross-milling, profiling and bench work on less intricate fitting operations

ASBESTOS WASHERS—for boiler fittings

BAGS (forage)—canvas, stitching, and making

BALL BEARINGS, see BEARINGS

BANDS (brass)—marine, polishing and turning

BANDOLIERS—filling and testing

BARS (marine)—turning

BASE PLUGS, SHRAPNEL, see AMMUNITION

BEARINGS (ball and roller)—fettling, drilling, grinding, sorting, turning, assembling, and viewing

BELTS (leather and canvas equipment)—stitching and making

BEVEL GEARS (machine tools)—cutting of

BOILERS (marine)—shell and flue drilling

BOILER END PLATES (marine)—turning and drilling

BOILER FLUES (marine)—cutting, drilling, riveting, turning

BOILER TUBES (marine)—preparation and testing of

BOILER TUBE PLATES (marine)—tapping

BOILER AND ENGINE FITTINGS—dial writing, making pressure gauges, asbestos washers, etc.

BOLTS—bolt making on automatic machines
" bolt making on turret and capstan lathes
" (marine)—centring and facing
" (ships)—sorting, classifying, re-screwing, and cleaning

BOLT HOLES (marine)—facing

BOMBS, see AMMUNITION

BOXES, AMMUNITION, see WOODWORK

BOXES, HAND GRENADE, see WOODWORK

BRASSES—for lathes (machine tools), milling

BRASS BANDS (marine)—polishing and turning

BREECH MECHANISM, see ARTILLERY

BULLETS, see AMMUNITION

CABLES (telegraph and telephone)—wiring and fitting

CAGES (for ball bearings)—assembling

CANS (oil and motor spirit)—stamping and cleaning

CARBONS (electric torches)—rolling, shaping, and cutting
" (telephone batteries)—rolling, shaping, and cutting

CARTS (water)—brass pumps for, turning and painting

CARTRIDGES AND CARTRIDGE CASES, see AMMUNITION

CASTINGS (brass)—core making, fettling, cleaning, fitting, machining, stamping, and lacquering

„ (marine)—boring, marking, dressing

CHAINS (conveyer)—turning links and recessing ends of Lincoln pins

CLOCKS (for scientific instruments)—drilling, polishing, lacquering, assembling, and fitting

COILS—electric rotor and stator winding

CONVEYER CHAINS—turning parts of links

CORES—for brass casting, filing, and trimming

„ in foundry

„ for armatures, stamping

COUNTERSHAFTS (machine tools)—fitting and assembling

COVERS (for aeroplane wings)—machining, stitching, doping, sizing, and varnishing

CRUCIBLES—clay work in the making of

CUTTERS—milling teeth in (machine tools)

DIALS (engine fittings and pressure gauges)—writing and marking

DYNAMOMETER BARS—papering and smoothing

ELECTRIC APPARATUS, MOTORS, ETC.:

- AMMETERS—making
- ARMATURES—stamping and winding
- BATTERIES (telephone)—finishing and packing
- „ (motor cycle)—polishing and packing
- BRUSH ROCKERS (brass)—filing and assembling
- CABLE COVERING
- CABLE INSULATING
- CARBONS—rolling, shaping, and fitting
- COIL—rotor and stator winding
- FUSES—electrical wire for
- GEAR—filling and assembling
- GENERATORS—filing and trimming cores
- METER—shop work
- MOTORS (alternate and direct current)—forming and winding
- PAINTING—motor parts
- PLATING AND DIPPING
- TEST ROOM WORK
- TORCHES (electric)—cutting carbons for
- TRANSFORMERS—manufacture of
- SWITCHES (electric)—assembling
- SWITCH GEAR—polishing
- VOLTMETERS—making of
- WIRE (electrical)—for fuses

ENGINE FITTINGS, see BOILER FITTINGS

EXPLOSIVES:

- ABELITE—drying, grinding, mixing, cartridging, packing
- BALLISTITE—mixing, pressing, and sifting of paste; drying, incorporating, rolling into sheets, cutting into cubes; sifting, drying, and packing cubes
- COLLODION COTTON—picking, teasing, drying raw cotton, boiling pulping, centrifugalling, pressing and drying nitrated cotton
- CORDITE—mixing and sifting for paste; pressing into cords and strands; blending, reeling, drying, and packing

EXPLOSIVES—*continued*

- GUN COTTON—same processes as Collodion Cotton and also dipping for nitration
- NITRIC ACID—charging and firing retorts
- PHENOL—synthetic production from benzol
- PICRIC ACID—sulphonation and nitration of phenol, washing, whizzing, working up of crust, drying, sifting, and packing of picric acid
- T.N.T.—nitration, washing, pelletting, drying, flaking, and packing
- MISCELLANEOUS WORK—routine tests in laboratories, heat tests, miscrometer work, making wooden cases, filling tins and cases, nailing or screwing down cases, stencilling, washing, filling, sealing, weighing, and loading carboys, transport work, including teeming horses

FILES—cutting, branding, straightening, dry grinding, viewing, and packing

FLANGES (marine)—facing

FLUES (marine)—drilling, riveting, and turning

FORAGE BAGS (canvas)—stitching and making

FORGINGS (marine)—boring holes in

FORMS (wooden)—training, screwing, assembling, and finishing

FRACTURE BOARDS—boring

FRET SAWS—hardening and tempering

FRICTION RINGS (machine tools)—internal grinding

FUSES AND FUSE ADAPTERS, see AMMUNITION

GAINES, see AMMUNITION

GAUGES (Pressure)—manufacture of

GEARS (bevel)—helical and spur (machine tools), cutting of

GEAR CASES (for motor cycles)—assembling, finishing, and packing

GLASS SLITTING, see OPTICAL MUNITIONS

GRATINGS (ships)—making of

GRENADES, see AMMUNITION

GRUMMETS (for cartridge making)—see AMMUNITION

GUN SIGHTS, see ARTILLERY

HANDLES ("former") for machine tools—turning

„ (for motor cycles)—scouring, scraping, enamelling, polishing, inspecting, and packing

„ for swords (vulcanized rubber)—buffing, rubbing, shellacing, and polishing

HARNESS (cavalry and gun teams)—manufacture of

HAVERSACKS (canvas)—hand stitching of

HELICAL GEARS (machine tools)—cutting

HEMP—core for wire rope

HINGES (doors and scuttles, ship)—fitting and machining

HORSE SHOES—drilling

INSTRUMENTS, see SCIENTIFIC INSTRUMENTS, and OPTICAL MUNITIONS

KIT (leather and canvas)—manufacture of

LADDERS (ship)—making of

LAMPS (acetylene)—soldering, riveting, and painting

LEATHER AND CANVAS GOODS—manufacture of equipment (belts, pouches, harness, etc.) for cavalry and gun teams. Handstitching haversacks and 4.5 ammunition carriers

LENSES, see OPTICAL MUNITIONS

LINCOLN PINS (for conveyer chains)—recessing ends of

LINERS (marine)—grinding

MACHINE GUNS, see ARTILLERY

MACHINE TOOLS:

- BRACKETS (cast iron)—drilling
- COUNTERSHAFTS—fitting and assembling of
- CUTTERS—milling teeth in
- FRICTION RINGS—internal grinding of
- GEARS (bevel)—spur and helical, turning, cutting, and shaping of
- LATHES (turret)—cutting bars for
  ,, (brass)—milling
- NUTS—grinding of
- PULLEYS—turning on 15 in. centre chucking lathe
- RINGS (friction)—internal grinding of
- SHAFTS—turning and milling of
- SLEEVES—turning
- SIDE RESTS—fitting
- SPINDLES—boring
- TURRETS (square)—milling
- WHEEL BLANKS—boring

MARINE ENGINEERING:

- BANDS (brass)—polishing
- BAND SAW—sharpening
- BARS—turning
- BOILERS—shell and flue drilling
- BOILER END PLATES—turning and drilling
- BOILER FLUES—cutting, drilling, riveting, turning
- BOILER TUBES—preparation and testing of
- BOILER TUBE PLATES—tapping
- BOLTS—centring and facing
- BOLT HOLES—facing
- CASTINGS—boring, marking, and dressing
- CORE—making
- FLANGES—facing up to a plate
- FLUES—drilling, riveting, and turning
- FORGINGS—boring holes in
- LINERS—grinding of
- NUTS—centring, tapping, facing, cleaning, re-screwing, classifying, and sorting
- PIPES—facing of
- PLATES—turning, planing, drilling, tapping, spot-welding
- RODS—turning and cutting
- SPINDLES—turning of
- STUDS—turning of
- TUBE—bending, cutting, welding, testing
- TURBINES—machining, etc., blading, caulking, wiring

MESS TINS—pressing and cleaning

MICA—cutting

MIRRORS—blocking, testing, and silvering

MOTORS, see AEROPLANE ENGINES, ELECTRIC MOTORS, and MOTOR CYCLES

MOTOR CYCLES AND ACCESSORIES:

- BATTERIES—finishing, inspecting, and packing
- GEAR CASES—assembling
- HANDLES—scouring, scraping, enamelling, polishing, inspecting, and packing
- MUD-GUARDS—enamelling, polishing, screwing, inspecting, and packing
- SHAFTS—straightening of
- WHEEL—building of (fixing spokes)

MOTOR SPIRIT CANS—stamping seals for

MUD-GUARDS—enamelling, polishing, screwing, inspecting, packing

MUNITIONS CASES—see WOODWORK

NETTING-WIRE (submarine)—weaving of

NUTS, BOLTS, AND WASHERS—manufacture of on capstan or turret machine. Also (marine) centring, tapping, facing, cleaning, re-screwing, classifying, and sorting

OIL CANS—press stamping

OPTICAL MUNITIONS:

- GLASS—slitting
- LENSES—roughing, smoothing, polishing, edging, shanking, chamfering, cementing, and centring
- PRISMS—blocking, testing, silvering, mirrors

PATTERNS, wood (ships)—filling, colouring, varnishing, and sand-papering

PIPES (marine)—facing of
,, (ship)—making rubber joints for

PLATES (marine)—turning, planing, drilling, tapping, spot-welding

POUCHES (leather and canvas)—manufacture of

PRESSURE GAUGES—manufacture of

PRISMS, see OPTICAL MUNITIONS

PULLEYS (machine tools)—turning

PUMPS (brass)—for water carts
,, (motor cycle)—polishing, drilling, packing

RACES (for ball bearings)—turning and grinding

RAILS (ships)—fitting and machining

RESPIRATORS—making and soldering

RIBS (aeroplane)—making and finishing

RINGS, friction (machine tools)—grinding

RIVETS (ship)—sorting and heating

RODS (marine)—turning and cutting

ROLLER BEARINGS, see BEARINGS

ROPES—making hemp core for wire ropes
,, making steel wire ropes

RUBBER:

- STUDS (tyre)—manufacture of
- SWORD HANDLES (vulcanized rubber)—buffing, rubbing, shellacing, and polishing
- TYRES—studding and casing

RUBBER JOINTS—for pipes (ship)

SCIENTIFIC INSTRUMENTS—drilling, polishing, lacquering, assembling, and fitting clocks for, coil winding and engraving.

SEAPLANES, see AEROPLANES

SHAFTS (machine tools)—turning and milling

SHELLS, SHELL CASES, ETC., see AMMUNITION
SLEEVES (machine tools)—turning
SLIDE RESTS (machine tools)—scraping and fitting
SPARS (aeroplane)—finishing
SPINDLES (machine tools)—boring
SPOKES (motor cycle)—fixing of (wheel building)
SPUR GEARS (machine tools)—cutting of
STANCHEONS (ship)—fitting and machining
STAYS (ship)—fitting and machining of
STUDS (marine)—turning of
„ (tyre)—manufacture of
SWITCHES (electric)—assembling
SWITCH GEAR—polishing
SWORD HANDLES (vulcanite rubber)—buffing, rubbing, shellacing, and polishing of

TAPS—milling, turning, filing, and sharpening
TELEGRAPH SWITCH-GEAR—wiring and fitting. See also WIRELESS TELEGRAPH APPARATUS
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„ wiring and fitting of
TIN WORK:
TIN PLATE manufacture
PRESS WORK, japanning, etc.
PRESSING seams on mess tins
PRESS stamping oil cans, seals for motor spirit cans
MAKING, soldering, tin boxes for grenade fuses
TOOL MAKING:
GRINDING saws, milling machine cutters, and other tools
GRINDING twist drills to size
MILLING teeth in side and face cutter
MILLING, fluting, turning, and sharpening taps
PRODUCING double-angled cutters
TURNING "former" handles for machine tools
SLOT MILLING (special machine) on shell boring lathes
BACKING off lathes producing form cutters
TOOLS, see MACHINE TOOL MAKING and SMALL TOOL MAKING
TORCHES (electric)—rolling, shaping, and cutting carbons for
TRANSFORMERS (electric)—manufacture of
TUBE PLATES, BOILER (marine)—tapping
TUBES (brass)—press and capstan hands on
„ acetylene welding of 18 gauge
TURBINE BLADES—drilling, milling, boring, cutting, wiring, and brazing
TURBINE ROTORS—blading
„ STATORS—blading
TURRETS for lathes (machine tools)—turning and milling
TYRES, see RUBBER

VICES (saddle tree)—all operations except assembling
VOLTMETER—making of
VULCANIZED RUBBER SWORD HANDLES—buffing, rubbing, shellacing, and polishing of

WASHERS (asbestos)—for boiler fittings, pressure gauges
„ (metal)—making of
WATER CARTS (army)—brass pumps for
WHEEL BLANKS (machine tools)—turning and boring
WHEELS (motor cycle)—building of
WING COVERS (aeroplane)—machining, stitching, doping, sizing, and varnishing
WIRE—electrical
WIRE AND WIRE ROPE—making of, braiding, stranding, cutting, tempering, drawing
WIRE-NETTING (submarines)—weaving of, twisting for fuses and detonators
WIRELESS TELEGRAPH APPARATUS—lacquering, polishing, staining, plating, dipping, engraving, and assembling
WIRE—winding
WOODWORK:
AEROPLANES—ribs, spars, etc.
BOXES (hand grenade)—all processes
„ (18-pr. ammunition)—all processes
„ (spare part and tool)—for Vickers' guns
CASES (for explosives)—making, painting, stencilling, etc.
DYNAMOMETER BARS
FORMS (soldiers' collapsible)—training, screwing, etc.
FRACTURE BOARDS
JOINERY (shipbuilding)—assisting at saw, etc.
„ „ upholstery
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PART II

PHOTOGRAPHS OF WOMEN WORKERS

Illustrating the successful employment of Women in temporary replacement of Men

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✶ The photographs marked with an asterisk illustrate heavy physical work successfully performed by women.

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* The photographs marked with an asterisk illustrate heavy physical work successfully performed by women.

[*Photo Topical Press*

Harrowing Wheat into the Ground

Taking charge of pair-horse harrow after three months' experience

[*Photo Topical Press*

Harvesting

Farmer's daughter driving and cutting "laid" wheat, which work she carried out the whole of the season 1915

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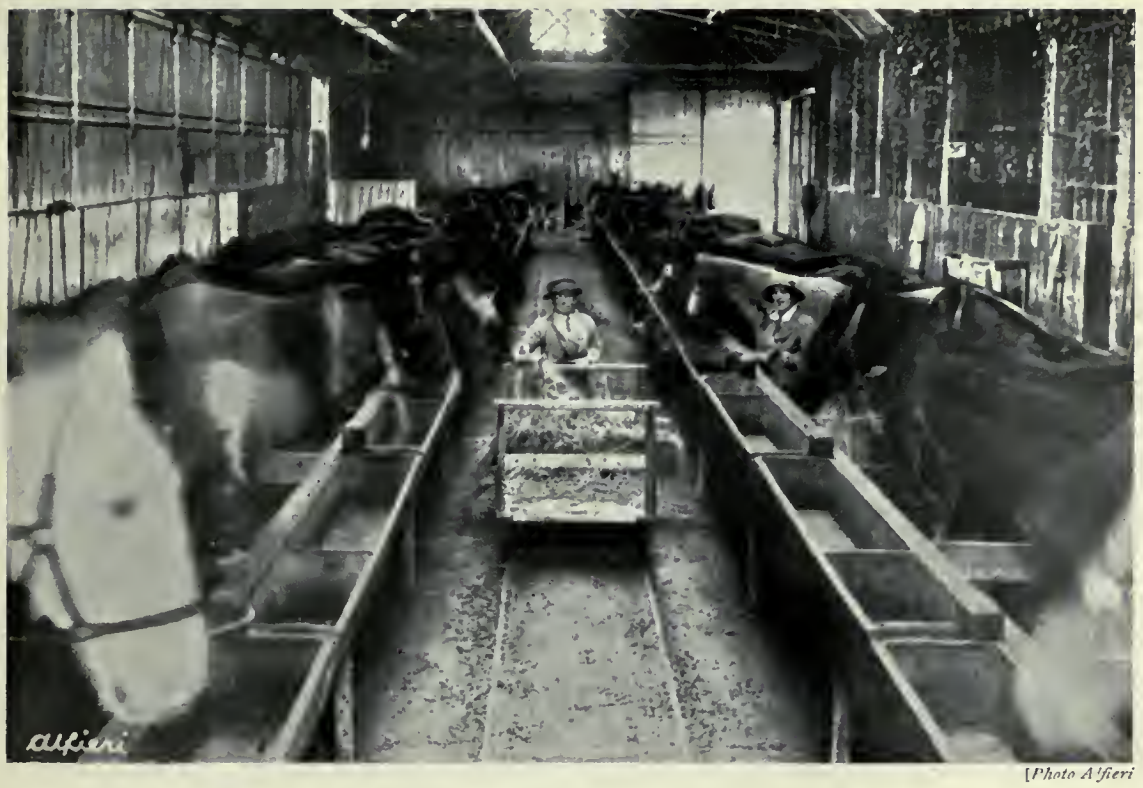

[Photo Alfieri

Care of Horses

The above is a general view of the Depot in which sixty horses are stabled and entirely looked after by women

[Photo Topical Press

Grooming and Cleaning Horses before Stabling them for the Night

The horses belong to a large London firm

[Photo Topical Press

Harvesting

Member of the Leicester Women's Volunteer Reserve helping a farmer with the harvest

[Photo L.N.A.

Loading up a Cart in Norfolk

[*Photo Alfieri*

Feeding the Threshing Machine

[*Photo L.N.A.*

Shovelling Potatoes for the Sieving Machine

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Women on Planks Loading Props into Trucks

This is work of a particularly heavy nature which women have successfully undertaken

Unloading from Trucks and Stacking Props

[Photo Topical Press

Women as Coal Workers

Weighing out the coal from the railway trucks into cwt. bags

[Photo Topical Press

Women as Coal Workers

Loading coal on to the lorry

[*Photo Central Press*

Women Barrowing Coke into Railway Trucks

Riddling Cinders

Univ. of California

[Photo Central Press

Women Barrowing Coke at a Gas Works

[Photo Newspaper Photographic Service

A Woman Stoker working at the Furnaces of a large factory in South London

[*Photo Alfieri*

Women as Electric Train Cleaners

Electric train cleaning is now being carried on with great success by women

Carriage Washers

Women cleaning railway carriages

Cleaning a Locomotive

Large numbers of women are thus employed

[*Photo Alfieri*

Women as Carriage Washers and Cleaners

[*Photo Central News*

Brewery Workers

Women workers rolling barrels in the brewery yard. They wear suitable costumes and are remarkably capable and energetic

[*Photo Central News*

Brewery Workers

Barley room, women in the breweries

[*Photo Central News*

Brewery Workers

Washing out a vat

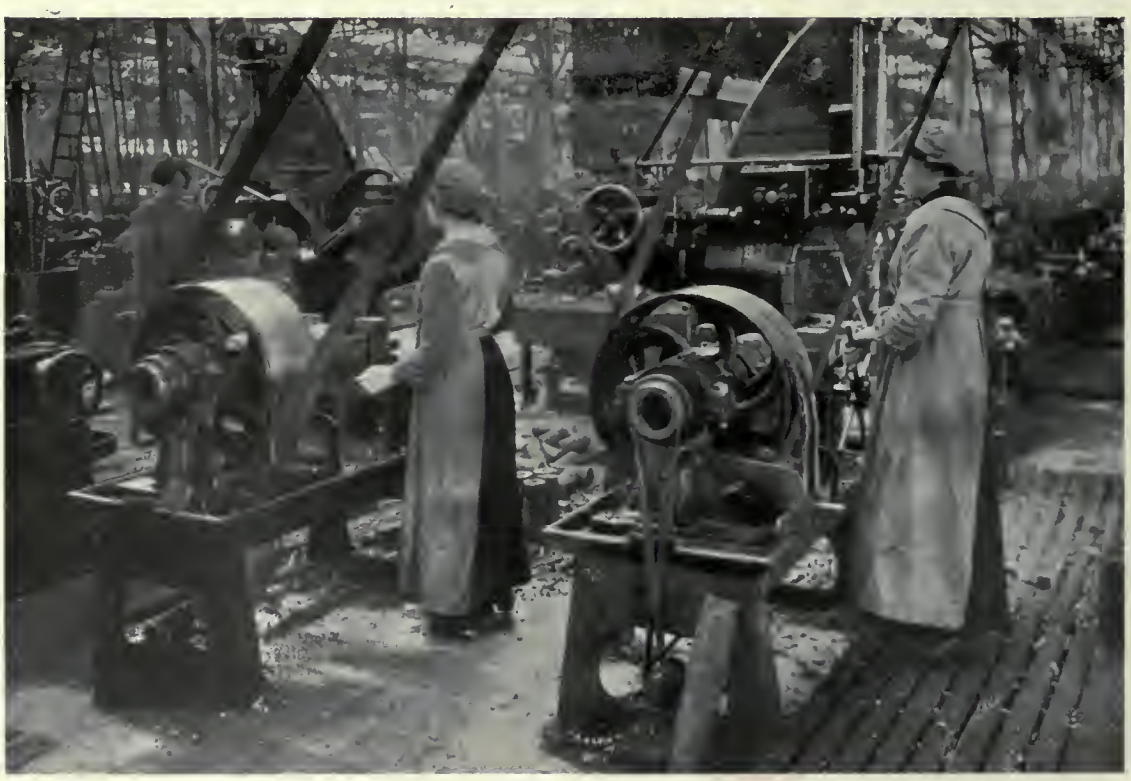
[*Photo Topical Press*

Women Wagon Washers

At the head-quarters of a large firm in London

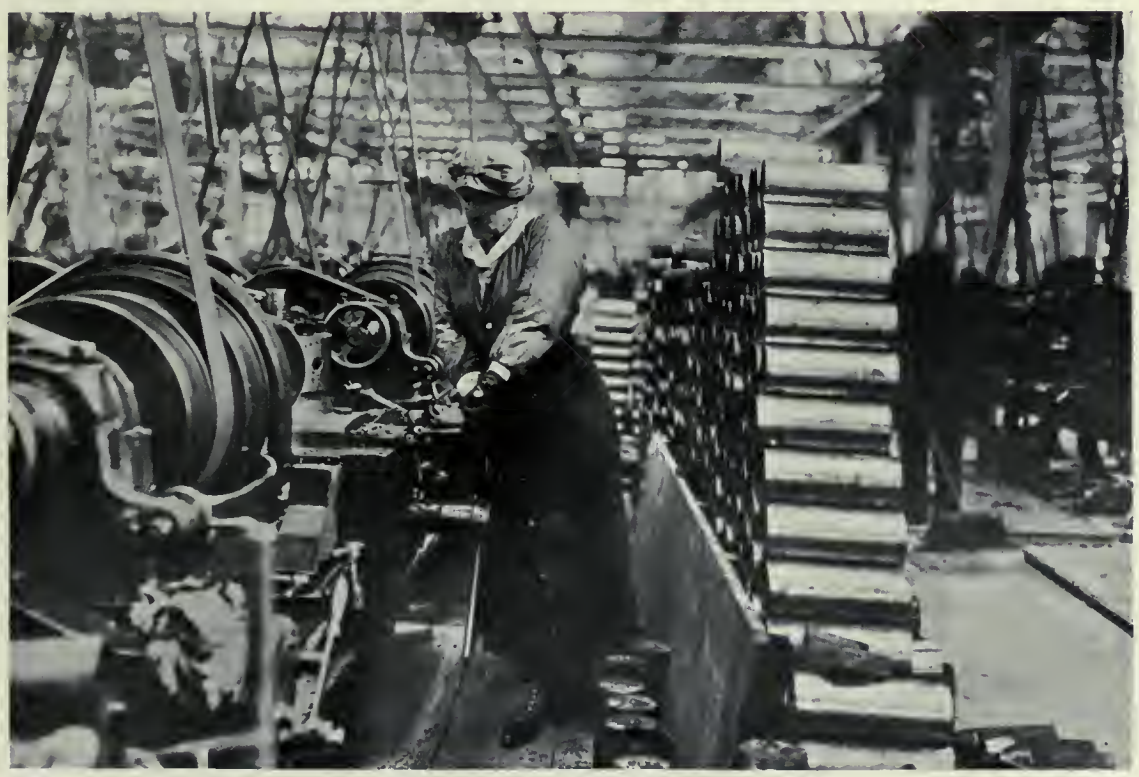
[*Photo Alfieri*

Women Workers in a Railway Workshop



Copper Banding in the Shell Factory of one of the large Railways

Women employed on Shell Work in a Railway Workshop



[*Photo Topical Press*

Shell Turning at the Works of one of the great Armament Firms

[*Photo Topical Press*

Pork Butcher's Wife and Daughter keep Business going

These two, with the help of two girl assistants, kill and dress from six to eight pigs a week

[*Photo Topical Press*

Women Driving Goods Delivery Van

[Photo Photopress

Shop Management

Taking the place of grocer's assistants

[Photo L.N.A.

Women Bakers in London

Bakery work, although arduous, is being learnt by women in large numbers

A Firm of Piano Manufacturers are Making Ammunition Boxes as well as Pianos

This and the four following illustrations show women who have been trained by them to do men's work with assistance of carefully selected machines

Sides and Ends of Ammunition Boxes in the Pressing Machine Forcing the Dovetails together

Univ of California

Piano Finishing, Tuning, and Toning

Boxing and Screwing up of Ammunition Boxes

Papering and Chamfering Ammunition Boxes on Disc Papering Machine

Women as Sheet Iron Workers Making Boiler Laggings

Women Transporting Refuse

Women Transporting Radiators from Test Room to Machine Shop

Filing off the Hubs of Radiators after being Assembled

Transporting Radiators from the Assembling Machines by Air Hoists

This shows how difficulties of lifting heavy weights may be overcome

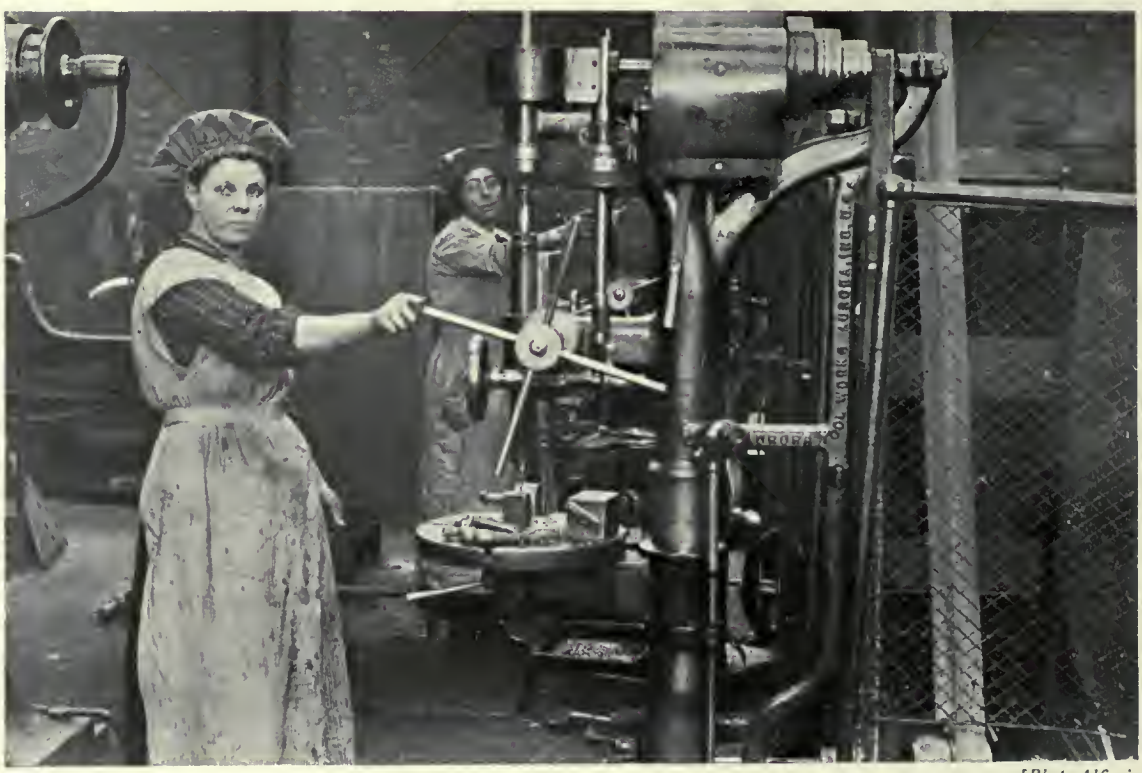
Univ. of California

Electric Spot Welding on Boiler Laggings

Drilling and Tapping Air Vent Tappings in Radiators

Making Shells

Ramming up risers on shell moulds in foundry



[*Photo Alfieri*

Women Mechanics

Delicate electric work is well done on the drilling machines in a railway workshop

[*Photo Topical Press*

Gauging Shells

Volunteers making shells at a large munition works. They have been met with every encouragement from the firm, who guarantee to turn them out efficient hands in three weeks

[*Photo Sport and General Press Agency*

Dentists

Modelling artificial teeth in wax

Photo Photopress

Steam Roller Driver

Photo Central News

Window Cleaners

Note the height of the ladders

UNIV. OF
CALIFORNIA

Women acting as Postmen

[*Photo Sport and General Press Agency*

Women Roadsweepers

Women Porters in Railway Goods Yard

Loading lorries

[*Photo Alfieri*

Women as Carriage Repairers

Repairing the seats of railway carriages

Univ. of California

[Photo Topical Press

Driving a Motor Van

[Photo Photopress

Women in Newspaper Offices

Girls pulling proofs and correcting type

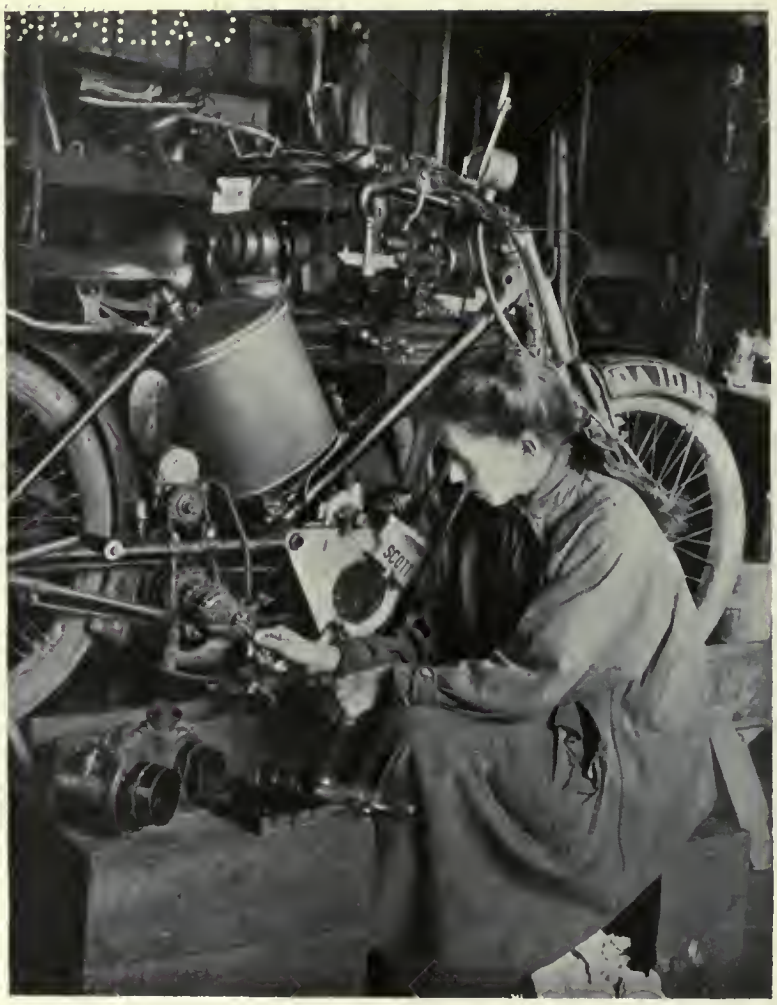
Handling Leather in Tanyards

Leather dipping

Conveying Leather from Dipping Beds on Barrows

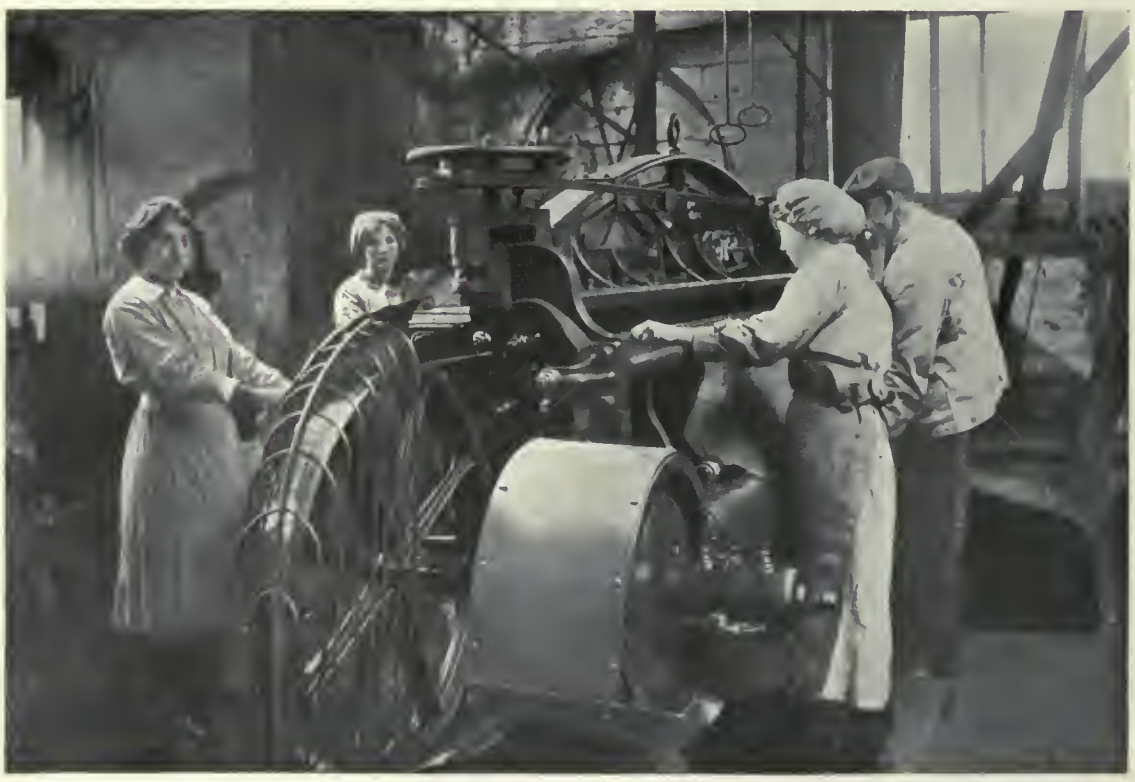
Rolling Leather by Machinery

Oiling and Hanging up Leather in Drying Sheds



[*Photo Central News*

Putting the finishing touches to a Motor Cycle



Splitting Leather

Preparation of Soldiers' Dinners

Instructing Recruits as to the use of the Travelling Field Kitchen

CALIFORNIA

[Photo Daily Mirror

Digging Clay

[Photo Daily Mirror

Glass Manufacture: Carrying a large Sheet of Glass

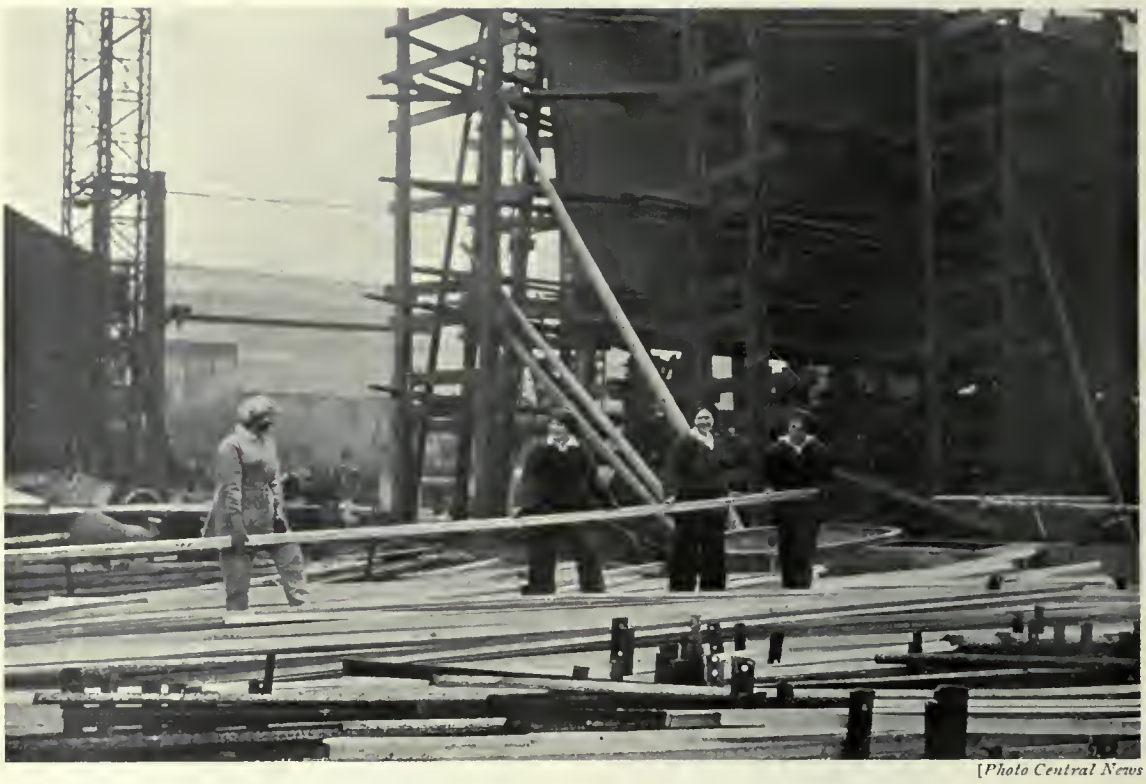
Women are now assisting in the manufacture of glass, and undertake many kinds of labour, even to working the overhead cranes

UNIV. OF CALIFORNIA

Woodworking: Drilling Ammunition Boxes

[*Photo Daily Mirror*

Working on an Armature



[Photo Central News

Heavy work in Shipyards: Handling long Steel Bars

[Photo Central News

Work in Shipyards: Handling Rods and Pipes

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[*Photo Central News*

Heavy work: Barrowing in Flour Mill

[*Photo Central News*

Shipyard: Working on a Propeller

PART III

LISTS OF OFFICIALS

whose assistance is available to Recruiting Officers, Military Representatives, etc., in questions affecting the supply of Women Workers in replacement of men withdrawn by enlistment

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HIS MAJESTY'S INSPECTORS OF FACTORIES

CHIEF INSPECTOR: Home Office, London, S.W. Telephone: Victoria 2774

DIVISIONAL OFFICES

Divisional Office.	Address.	Telephone No.
South-Eastern Division	Home Office, London, S.W.	Victoria 2774.
South-Western Division	25, Baldwin St., Bristol	Bristol 539.
Midland Division	174, Corporation St., Birmingham	Central 6776.
North-Eastern Division...	41, Park Square, Leeds	Central 2508.
North-Western Division	72, Bridge St., Manchester	City 3787.
Northern Division	74, York St., Glasgow	Central 4820.

District Centre, Address, and Telephone No.

South Eastern Division

Divisional Office: Home Office, London, S.W.
Victoria 2774.

1. South London } 14, New Kent Rd., London,
2. South West London } S.E. Hop 3578.
3. West London, 114, Cromwell Rd., S. Kensington, S.W. Kensington 4862.
4. North Western London } Holborn Hall, Gray's Inn
5. North London } Road, London, W.C. Holborn 1104.
6. North Eastern London } 158, Bishopsgate, London,
7. East London } E.C. London Wall 610.
8. Kent, 14, New Kent Rd., London, S.E. Hop 3578.
9. Reading, 63, Hamilton Rd., Reading.
10. Northampton, 6, The Parade, Northampton. Northampton 269.
11. Norwich, 14, Rampant Horse Street, Norwich. Norwich 1275.
12. Ipswich. Apply to Norwich.

South Western Division

Divisional Office: 25, Baldwin Street, Bristol
Bristol 539

13. Bristol, 25, Baldwin St., Bristol. Bristol 539.
14. Gloucester, 3, Market Parade, Gloucester.
15. Yeovil. Apply to Bristol.
16. Southampton, 32, Above Bar, Southampton. Southampton 1828.
17. Plymouth, Lloyd's Bank Chambers, Bedford Street, Plymouth. Plymouth 1422.
18. Swansea, Savings Bank Chambers, Heathfield Street, Swansea. Central 973.
19. Cardiff, 9, Kingsway, Cardiff. Cardiff 5025.
20. Dublin, 6, Grafton St., Dublin. Dublin 4257.
21. Cork. Cork.

District Centre, Address, and Telephone No.

Midland Division

Divisional Office: 174, Corporation St., Birmingham
Central 6776

22. Birmingham, 174, Corporation Street, Birmingham. Central 6776.
23. Coventry, Bayley Lane Chambers, Coventry.
24. Worcester, 38, Foregate Street, Worcester. Worcester 478.
25. Wolverhampton } 77, Darlington St., Wolverhamp-
26. Walsall } ton. Wolverhampton 794.
27. Stoke-on-Trent, Town Hall Chambers, Wolfe St., Stoke-on-Trent. Potteries Central 1503.
28. Leicester, Victoria Parade, Gallowtree Gate, Leicester. Leicester 1300.
29. Nottingham, King John's Chambers, Bridlesmith Gate, Nottingham. Nottingham 2215.
30. Derby, Babington Bldgs., Derby. Derby 163.
31. Lincoln, Monson Chambers, Corporation Street, Lincoln. Lincoln 9.
32. Wrexham. Wrexham.

North Eastern Division

Divisional Office: 41, Park Square, Leeds
Central 2508

33. Leeds, 41, Park Square, Leeds. Central 2508.
34. Hull, 37, Jameson St., Hull. Central 751.
35. Sheffield, Stirling Chambers, Campo Lane, Sheffield. Central 4104.
36. Huddersfield, 19, Market St., Huddersfield. Huddersfield 1058.
37. Halifax, Post Office Chambers, Halifax. Halifax 951.
38. Bradford, 26, Bridge St., Bradford. Bradford 3969.
39. Keighley, "Briar Bank," High Utley Keighley.

District Centre, Address, and Telephone No.

North Eastern Division (*continued*).

40. Newcastle, Prudential Bldgs., Mosley St., Newcastle-on-Tyne. City 33.
41. Stockton, Victoria Bldgs., High St., Stockton-on-Tees. Stockton 332.

North Western Division

Divisional Office: 72, Bridge Street, Manchester
City 3787

42. Manchester
43. Stockport
44. Oldham
45. Bolton
46. Rochdale

} 72, Bridge St., Manchester. City 3787.

47. Wigan, 122, Swinley Rd., Wigan.
48. Warrington, "Clooney," Higher Knutsford Road, Latchford, Warrington.
49. Liverpool, St. Luke's Chambers, Bold Place, Liverpool. Royal 3622.

District Centre, Address, and Telephone No.

North Western Division (*continued*)

50. Blackburn, Bank Chambers, Lord Street West, Blackburn. Blackburn 1520.
51. Burnley, 1, Red Lion St., Burnley. Burnley 927.
52. Preston, 46, Miller Arcade, Preston. Preston 1181.

Northern Division

Divisional Office: 74, York Street, Glasgow
Central 4820

53. Glasgow
54. Lanarkshire

} 74, York Street, Glasgow. Central 4820.

55. Kilmarnock. Kilmarnock.
56. Edinburgh, 5, St. Andrew Square, Edinburgh Central 8235.
57. Stirling, 21, Randolph Rd., Stirling.
58. Dundee, 7, Ward Rd., Dundee. Dundee 613.
59. Aberdeen, 207, Union St., Aberdeen. Aberdeen 1244.
60. Inverness. Inverness.
61. Belfast, 124, Donegall St., Belfast. Belfast 3965.
62. Londonderry. Apply to Belfast.

LABOUR EXCHANGES

LIST OF LABOUR EXCHANGES (including Local Agencies with Exchange Powers) ARRANGED ALPHABETICALLY BY DIVISIONS

CENTRAL OFFICE: Board of Trade Employment Department, Queen Anne's Chambers, Westminster, S.W.

Victoria 8028. Tel. Address: "Labex, London"

DIVISIONAL OFFICES

Divisional Office.	Address.	Telephone No.
London & South Eastern	Martlett House, Bow St., W.C.	Regent 2125.
South Western	Carlton House, Woodland Rd., Bristol ...	Bristol 4517.
West Midlands	Dalton House, Corporation St., Birmingham	Central 7076.
Northern	Old Royal Infirmary, Newcastle-on-Tyne	City 1268.
Yorkshire & East Midlands ...	South Parade, Doncaster	Doncaster 411.
North Western (Lancashire and Cheshire)	Empire Hall, Museum St., Warrington...	Warrington 404.
Wales	Law Courts, Cathay's Park, Cardiff	Cardiff 3834.
Scotland	Grassmarket, Edinburgh	Central 9027.
Ireland	Lord Edward St., Dublin	Dublin 3700.

London and South Eastern Division

Divisional Office: Martlett House, Bow Street, W.C. Regent 2125
Telegraphic Address: Divex, London

Exchange, Address, and Telephone No.

ACTON, 217, High St. Chiswick 1466-7.
Southall, H. G. Sansom, 66-68, Western Road.
Uxbridge, S. Norton, 46, New Windsor St. Uxbridge 69

ALDWYCH (Insured Men), 6, Catherine St., Strand. Regent 2220-2.

ALDWYCH (Belgian), General Buildings, Aldwych. City 5208.

BERMONDSEY, 67, 69, & 71, Union Rd., Rotherhithe. Hop 4874-5.

BOROUGH, 222-224, High St. Hop 4510-3.

BOROUGH (Women & Juveniles), 107-111, Newington Causeway. Hop 4510-3.

BRENTFORD, 10, Stile Hall Parade, Chiswick. Chiswick 1690-1.
Hounslow, N. L. Samuels, 54, Staines Rd.
Richmond, Surrey, C. H. Major, Dome Bldgs., 5a, The Square. Richmond 1601.
Staines, H. Gale, 39, Thames St. Staines 33.

CAMBERWELL, 21 & 22, Camberwell Green. Hop 4370-3.

CAMBERWELL (Women & Juveniles), 21 & 23, Church St. Hop 4370-3.

CAMDEN TOWN, 59, 60, & 61, Park St. P.O. Hampstead 6190-2.
Finchley, F. E. Stratton, 2, Bank Chambers, The Broadway. Finchley 132

Exchange, Address, and Telephone No.

CANNING TOWN (Men), 11-13, Victoria Dock Road. East 3706-7.

CANNING TOWN (Women & Juveniles), 171 Barking Road. East 3708.

CITY (Men & Women), 9, New Bridge St. City 3485-6-7-8.

CITY (Juveniles), 5 Tudor St. City 4492.

CLAPHAM JUNCTION, 79-85, St. John's Road, Battersea. Battersea, 1207-8-9-10.

CLAPHAM JUNCTION (Women), 33-35, St. John's Hill, Battersea. Battersea 249.

CROYDON, 49, London Road. P.O. 582-4. Female Dept.:—P.O. 561.

DEPTFORD, 9-15, Deptford Bridge. New Cross 1500-2.

EARL'S COURT (Belgian Labour only), Central Hall, Earl's Court. Western 655.

EAST HAM, High St. South, East Ham. East Ham 405.

EDGWARE ROAD, 439-445, Edgware Rd., Paddington. Paddington 6510-3.

ENFIELD, 318-322, High St., Ponder's End. Enfield 435.

FINSBURY, 207A-221, Pentonville Rd. North 3110-3.

GREAT MARLBOROUGH ST. (Women & Juveniles), 60, Great Marlborough St., W. Regent 5200-4.

HACKNEY, 27 & 29 Well St., Hackney. Dalston 450-1-2.

NOTE.—Exchanges are shown in SMALL CAPITALS. Local agencies, which are indented, follow the Exchanges to which they are attached.

Exchange, Address, and Telephone No.

London & South Eastern Division (*continued*).

HACKNEY (Women & Juveniles), 310-312, Mare St., Hackney. Dalston 1000.

HOLLOWAY, 284-8, Holloway Rd. North 854-5. North 1838.

ILFORD, 65, High Rd., Ilford. Ilford 141.
Romford, C. H. Thorpe, Victoria Chambers, Victoria Rd. Romford 159.

LEWISHAM, 263-7, High St., Lewisham. Lee Green 1520-2.

PENGE (Temp. Regs. Room), 97, Anerley Rd. Sydenham 102.

POPLAR (Men only), Old Post Office, King Street, Poplar. East 3896.

POPLAR (Juveniles), 52, East India Dock. East 116.

SHEPHERD'S BUSH, 84-90, Uxbridge Road, Shepherd's Bush Green. Park 3120-3.

SHOREDITCH, 350-6, Old St. London Wall 4301-4.

STEPNEY, 59-60, High St., Whitechapel. Avenue 7245-6.

STEPNEY (Women and Juveniles), 6, The Minories, E. Women's Dept. Av. 5729. Juvenile Dept. Av. 5730.

Exchange, Address, and Telephone No.

London & South Eastern Division (*continued*).

STRATFORD, 393-7, High St., Stratford. Stratford 821-3.

TOOTING, 220-226, Upper Tooting Rd., Tooting. Streatham 1202-3.
Wimbledon, C. S. D'Alton, 179, Merton Rd. Wimbledon 1866.

TOTTENHAM, 522-528, High Rd., Tottenham. Tottenham 2157-8.

WALHAM GREEN, 2, 4, & 6, Jerdan Place, Walham Green. Western 781-2-3.

WALTHAMSTOW & LEYTON, 592-8, Lea Bridge Rd., Leyton. Walthamstow 255-6.

WESTMINSTER, 99A-101, Horseferry Road, Westminster. Victoria 6273.

WILLESDEN, Constitutional Hall, St. Mary's Rd., Harlesden. Willesden 2225-6.

WOOD GREEN (Men & Women), 274, High Road, Wood Green. Palmer's Green 709.

WOOLWICH, 8, 10, & 12A, New Rd., Woolwich. Woolwich 546.

South Eastern Division (excluding London)

Divisional Office: Martlett House, Bow Street, W.C. Regent 2125-33
Telegraphic Address: Divex, London

BEDFORD, 42a, Midland Rd., Bedford. Bedford 132.
Wolverton, H. J. Clarke, Maison Belge, Stratford Rd.

BRIGHTON, 43, London Rd. Brighton 513 P.O.
Horsham, G. W. Flint, 61, London Rd. Horsham 183.

BRIGHTON (Women & Children), 93, London Rd. Brighton 5823.

BROMLEY, Old Fire Station, West St. Bromley 1624.

CAMBRIDGE, 104, Regent St. Cambridge 864.
Newmarket, A. Challis, Newmarket Co-operative Society, Ltd., All Saints Rd. Newmarket 31.

CANTERBURY, 5, Upper Bridge St. Canterbury 219.

CHELMSFORD, 221, Moulsham St. Chelmsford 274.
Braintree, H. C. Brown, 61, High St. Braintree 89.

COLCHESTER, 20, Queen St. Colchester 209.
Harwich, F. J. Rose, 8, Church St. Harwich 34.

DARTFORD, 23a Lowfield St. Dartford 8.

DOVER, 4, King St. Dover 535.

EASTBOURNE, Livingstone House, 14, Seaside. Eastbourne 541.

ERITH, 88-90, High St. Erith 143.

FOLKESTONE, 32, Tontine St. Folkestone 525.
Ashford, Kent, L. H. Lee, Wellesley Hall, Wellesley Rd. Ashford 88.

GRAVESEND, 4, High St. Gravesend 78.

GRAYS, 23, Clarence Rd. Tilbury 114.

GREAT YARMOUTH, 20, King St. Yarmouth 459.

GUILDFORD, 20-21, North St. Guildford 291.
Godalming, C. R. Moir, 1, Brighton Rd.
Haslemere, W. C. Jones, West St. Haslemere 91.
Woking, G. F. J. Peters, Waring & Co., Surveyors. Woking 236.

HARROW-ON-THE-HILL, Corner of Station Rd. & Fairholme Rd. Harrow 244.

HASTINGS, 37, Havelock Rd. Hastings 927.
Bexhill-on-Sea, A. E. Wood, 4, Windsor Rd. Bexhill 132.

HOVE, 12, Goldstone Villas. Hove 2025.

IPSWICH, 86a, Princes St. Ipswich 824-5.
Bury St. Edmunds, A. E. Pearce, Hicks Hotel, Market Thoroughfare. Bury St. Edmunds 47.

KING'S LYNN, 21, New Conduit St. King's Lynn 123.
Wisbech, W. F. Bray, 1, Ely Place. Wisbech 147.

KINGSTON-ON-THAMES, 64-66, London Rd. Kingston P. O. 1413 & 203.

LETCHWORTH, 14, Eastcheap. Letchworth 81.
Hitchin, B. Baker, Bancroft Post Office. Hitchin 120.

LOWESTOFT, 10, Waveney Rd. Lowestoft 111.

LUTON, 50-52, New Bedford Rd. Luton 401.
Dunstable, C. A. Allcorn, 76, High St. Dunstable 41.
Leighton Buzzard, F. C. Meeking, King Street. Leighton Buzzard 95.

MAIDSTONE, 20, Broadway. Maidstone 422.

MARGATE, 9, Cecil Square. Margate 221.

NORWICH, Prince of Wales Rd. Norwich 1122.
Thetford, I. B. Aspland, 34, Castle St. Thetford 42.

OXFORD, 65 & 65a, St. Aldates Street. Oxford 615.
Banbury, F. Anker, 52, Parsons St. Banbury 102.

RAMSGATE, 6, Turner St. Ramsgate 99.

READING, 29-31, London St. Reading 912-3.
High Wycombe, J. R. Child, Corporation Water Office, Easton St. High Wycombe 90.
Maidenhead, W. J. Gilroy, 63, Queen St. Maidenhead 38.
Newbury, J. Brondsdon, 18, Craven St. Newbury 145.
Slough, H. F. Elston, Central Chambers, High Street. Slough 54.
Wallingford, E. G. Hearness, 4, St. Mary's Street.
Windsor, P. H. Grove, 10, Clarence Rd. Windsor 386.

Exchange, Address, and Telephone No.	Exchange, Address, and Telephone No.
South Eastern Division (excluding London) (*continued*).	**South Eastern Division (excluding London)** (*continued*).
REDHILL & REIGATE, 55, Hatchland Rd., Redhill. Redhill 52.	TUNBRIDGE WELLS, 43, High Street. Tunbridge Wells 1030.
ROCHESTER & CHATHAM, 386-388, High Street, Rochester. Chatham 270.	WATFORD, 64, Queen's Rd. Watford 477.
ST. ALBANS, 4-6, Verulam Rd. St. Albans 400.	Aylesbury, F. Samuels, Kingsbury Printing Works, Kingsbury Square. Aylesbury 99.
Hertford, B. Ellingham, Church St. Hertford 142.	Chesham, F. E. Howard, 75, High St.
SHEERNESS, 101 & 103, High St. Sheerness 92.	Hemel Hempstead, F. Bonaker, 1, Marlowes. Boxmoor 15.
SOUTHEND, 3, Electric Parade. Southend 521.	WORTHING, 106, Chapel Rd. P. O. Worthing 422.
SUTTON, 242, High St. Sutton 65.	Chichester, R. Ball, 17, North Pallant.
Epsom, S. J. Flight, Church St., Leatherhead. Epsom 676.	

South Western Division

Divisional Office: Carlton House, Woodland Road, Bristol. Bristol 4517

Telegraphic Address: Divex, Bristol

ALDERSHOT, 79, High St. Aldershot 324.
Camberley, R. King, "Willington," The Avenue. Camberley 93y.
Farnham, Surrey, J. Matthews, 1, South St.

AVONMOUTH, 20, Gloucester Rd. Avonmouth 49.

BARNSTAPLE, 24, Boutport St. Barnstaple 167.
Ilfracombe, J. D. Sommerwill, The Laurels, Northfield Rd.

BASINGSTOKE, 2, Wilton Square. Basingstoke 83.

BATH, Chandos Hall. Bath 725.
Radstock, E. Wyatt, Hope House, The Street.

BOURNEMOUTH, 20, Lansdowne Rd. Bournemouth 1761.
Poole, T. Hitchcock, Twillingate, Wimborne Rd. Poole 102.
Swanage, J. R. Senior, 1, Station Rd. Swanage 12.
Wareham, R. H. Holland, South St.

BRISTOL, 18-20, Victoria St. Bristol 3980-1.

BRISTOL (Juveniles), 6, Colston St. Bristol 4154.

BRISTOL (Eastville), 394, Stapleton Rd., Eastville. Bristol 4515.

BRISTOL (Kingswood), 22-24, Regent Street, Kingswood. Kingswood 80.

CHELTENHAM, 1, Portland St. Cheltenham 802.

COWES, 7, Birmingham Rd. Cowes 42.

DEVONPORT, 49, St. Aubyn Street. Devonport 335.

EXETER, 13 & 14, North St. Exeter 438.
Exmouth, E. Morey, Post Office, 43, Exeter Rd.
Tiverton, G. Penny, Westexe Post Office, Paul Street. Tiverton 77.

GLOUCESTER, 9, Southgate St., The Cross. Gloucester 209.
Dursley, E. C. Montgomery, Bristol House. Dursley 19.
Stroud, Glos., O. J. Pearce, 9, Lansdown. Stroud 120.

GOSPORT, Aubrey House, 12, High St. Gosport 122.

KEYHAM (Men), Ferry Road, Devonport. Keyham 392.

PLYMOUTH, 14-16, Manor St. Plymouth 1190-1.
Holsworthy, A. C. Vanstone, Station Rd.
Okehampton, S. A. Yeo, 3, West St.

PLYMOUTH (Women & Juveniles), 18, Princess Square. Plymouth 1190-1.

PORTLAND (Regis. Room), 155, Fortuneswell. Portland 12.

PORTSMOUTH, 8-14, Lake Rd. Municipal 1484; P. O. 959.
Petersfield, A. G. Lunt, 16, High St. Petersfield 17.

PORTSMOUTH (Women & Juveniles), 13, Hampshire Terrace. Municipal 1067; P. O. 959.

PORTSMOUTH (Coaling), 102-103, Queen St. Municipal 1484; P. O. 959.

REDRUTH, 12, Bond St. Redruth 59.
Falmouth, W. J. Walton, Commercial Chambers, Arwenack St.
Penzance, C. Ludlow, 77, Market Jew St. Penzance 75.
St. Austell, H. Rowse, County Auction Chambers. St. Austell 83.

SALISBURY, 56, Catherine St. Salisbury 227.
Andover, A. R. Goddard, 26, Bridge St. Andover 9.

SALISBURY (Women and Juveniles), 57, Catherine St.

SOUTHAMPTON, 7 & 8, Canute Rd. Southampton 1674.
Eastleigh, W. J. Naylor, 16, Station Hill. Eastleigh 5.

SWINDON, 17 & 17a, Regent Circus. Swindon 105.
Cirencester, F. Harmer, Overseer's Office, Corn Hall Bldgs.
Malmesbury, W. G. Perry, 36, King's Wall.
Marlborough, D. G. Smart, 31, Kingsbury St.

TAUNTON, 45, Bridge St. Taunton 221.
Bridgwater, C. Hoyal, 52, High St.

TORQUAY, 27, Fleet St. Torquay 599.
Newton Abbot, D. H. Tompkins, 42, Devon Square. Newton Abbot 151.

TROWBRIDGE, 39, Roundstone St. Trowbridge 22.
Chippenham, T. Hand, 2, The Causeway.
Devizes, W. H. Titcombe, 31, St. John Street.
Frome, W. B. Kent, Public Offices. Frome 25.

WESTON-SUPER-MARE (Regis. Room), 34b, Oxford Street. Weston-super-Mare, 341.

WEYMOUTH, 9, St. Thomas Street, Melcombe Regis. Weymouth 292.
Dorchester, T. A. Pearce, 47, South St. Dorchester 9.

WINCHESTER, 15, Southgate St. Winchester 308.

WOOLSTON, 61 & 63, Victoria Rd. Southampton 1302.

YEOVIL, Glendhurst, Kingston. Yeovil 106.

West Midlands Division

Divisional Office: Dalton House, 94, Corporation Street, Birmingham. Central 7076-9
Telegraphic Address: Homex, Birmingham

Exchange, Address, and Telephone No.
ASTON, 10, Witton Lane. Birmingham East 256.
BILSTON, 11a, Wellington Rd. Bilston 120.
BIRMINGHAM, 197-205, Corporation St. Central 6756-8.
BIRMINGHAM, 85 & 86, Gt. Hampton Street. Central 5218.
BIRMINGHAM (Women & Juveniles), 179-187, Corporation St.
BURSLEM (Staffs), 20 & 20a, Market Place. Central 1108.
BURTON-ON-TRENT, 44, High St. Burton 447. Swadlincote, J. F. Rowley, Post Office, 10, West Street. Swadlincote 212.
CANNOCK, Market Place. Cannock 50.
COVENTRY, Duplex Works, Lower Ford Street. Coventry 1074-6.
DARLASTON, 34, King St. Darlaston 85.
DUDLEY, Holloway Chambers, Priory St. Dudley 194.
HANDSWORTH, 225-227, Soho Rd. Birmingham Northern 286.
HANLEY, 13, Parliament Row, Hanley. Hanley Central 1426.
HEREFORD, 7, Commercial St. Hereford 1365. Leominster, J. B. Dowding, 5, Corn Square. Leominster 16x.
KIDDERMINSTER, 114, Mill St. Kidderminster 154. Bridgnorth, C. McMichael, 32, High St. Bridgnorth 60.
LEAMINGTON, 15, Regent Grove. Leamington 439. Stratford-on-Avon, W. E. Edwards, 37, Wood St.
LEEK, 61, Derby St., Leek. Leek 105.
LONGTON (Staffs), 73, Market Street, Longton, Staffs. Longton 335.
NEWCASTLE-UNDER-LYME, 74, Penkhull St. Newcastle 258.
NUNEATON, 25 & 25a, Market Place. Nuneaton 51.
OAKENGATES, 5 & 7, Market St. Oakengates 12.

Exchange, Address, and Telephone No.
OLDBURY (Birmingham), 21, Birmingham Street, Oldbury. Oldbury 195.
OLD HILL (Staffs), 287, Halesowen Rd. Cradley 106.
OSWESTRY, 24, Oswald Rd. Oswestry 10.
REDDITCH, 3, Alcester St. Redditch 81. Bromsgrove, H. Fryar, Church St. Bromsgrove 23.
RUGBY, 15 & 17, Castle St. Rugby 196.
SELLY OAK (Birmingham), 177-181, High St., Selly Oak. Selly Oak 159.
SHREWSBURY, 67, Mardol. Shrewsbury 275. Whitchurch, Salop, J. H. Simister, 7, St. Mary's Street.
SMETHWICK (Staffs), 2 & 3, Rolfe St. Smethwick 111.
SPARKHILL, 408 & 410, Stratford Rd. Birmingham Victoria 82.
STAFFORD, 6 & 7, Market Square. Stafford 233. Uttoxeter, A. Cartwright, Carter St. Uttoxeter 9.
STOKE-ON-TRENT, Archer Works, Liverpool Rd., Stoke-on-Trent. Potteries Central 1330.
STOURBRIDGE, 176, High St. Stourbridge 64.
TIPTON, 1, Horseley Heath. Tipton 88.
WALSALL, Midland Rd. Walsall 418.
WEDNESBURY, 48, Lower High St. Wednesbury 117.
WEST BROMWICH, 20, Paradise St. West Bromwich 349.
WILLENHALL, 84, Stafford St. Willenhall 99.
WOLVERHAMPTON, Royal London Bldgs., Lichfield St. Wolverhampton 870.
WOLVERHAMPTON (Women & Girls), 49, Lichfield Street. Wolverhampton 870.
WORCESTER, Pierpoint St. Worcester 347 Evesham, G. E. Nind, The Cottage. Malvern, W. H. Morgan, Bank View. Pershore, L. E. Clayton, The Elms, Station Rd.

Yorkshire and East Midlands Division

Divisional Office: South Parade, Doncaster. Doncaster 411-2-3
Telegraphic Address: Divex, Doncaster

ARMLEY, 6, 8, & 10, Stocks Hill. Leeds (Central) 3714.
ATTERCLIFFE, 51, Attercliffe Common, Sheffield. Attercliffe 118.
BARNSLEY, Gas Nook, Mayday Green. Barnsley 400.
BASFORD & BULWELL, 219 & 221, Vernon Rd., Basford. Bulwell 109.
BATLEY, 27, Commercial St. Batley 296.
BOSTON, 20, West St. Boston 142.
BRADFORD, 26, Bridge St. Bradford 4472-3.
BRIGHOUSE, 7, Bethel St. Brighouse 5.
CASTLEFORD, Armoury Hall, Bank St. Castleford 63. Pontefract, A. M. Storr, Baxtergate. Pontefract 53.

CHESTERFIELD, 40-42, Gluman Gate. Chesterfield 232.
COALVILLE, Hotel St. Coalville 37.
DERBY, Victoria Bldgs., London Rd. Derby 500-1. Belper, H. Hall, Claremont House, Green Lane. Matlock, H. P. Keetley, Post Office, Matlock Bank. Matlock 84.
DEWSBURY, Old Post Office, Union St. Dewsbury 386.
DONCASTER, Trafford St. Doncaster 376-7. South Elmsall, A. W. Furnie, Barnsley Rd. South Elmsall 24.
GAINSBOROUGH, 1, Silver St. Gainsborough 38.
GRANTHAM, 40, Watergate. Grantham 95.

Exchange, Address, and Telephone No.

Yorkshire & East Midlands Division (*continued*).

GRIMSBY, 174 & 176, Cleethorpe Rd. Grimsby 750.

HALIFAX, King Cross Street & Hopwood Lane. Halifax 1154-5.

HARROGATE, 34, Oxford St. Harrogate 866.
Ripon, F. S. Gowland, 5, Finkle St. Ripon 23.

HEBDEN BRIDGE, 23, Market St. Hebden Bridge 79.

HUDDERSFIELD, John William St. Huddersfield 1400.
Slaithwaite, E. Freeman, M.A., 22, Lewisham Road. Slaithwaite 80.

HULL, Prospect St. & Story St. Hull Central 2400.
Beverley, W. R. Hall, 51, Toll Gavel. Beverley 3y.

ILKESTON (Derbyshire), Corner of Bath St., Station Rd. Ilkeston 125.

KEIGHLEY, 43-47, Church St. Keighley 565.
Skipton, W. C. James, Friendly Societies Hall, Sheep Street.

KETTERING, 8 & 8a, Market Place. Kettering 184.

LEEDS, 4, 6, & 8, Meadow Lane. Leeds 3844.

LEEDS (Women & Juveniles), 8 & 12, Great George St. Leeds 4062-3.

LEICESTER, Albion St. Leicester 405-7.
Hinckley, W. L. Foxon, 6a, Castle St.

LINCOLN, Grafton House, Newland. Lincoln 454.

LONG EATON, 66, Derby Rd. Long Eaton 111.

LOUGHBOROUGH, 37-38, Market Place. Loughborough 655.

MANSFIELD, Queen St. Mansfield 133.

MEXBOROUGH, Oriental Chambers, Bank Street. Mexborough 17.

MORLEY, 88, Queen St. Morley 186.

NEWARK, 23, Market Place. Newark 108.

NORTHALLERTON, High St. Northallerton 38.

Exchange, Address, and Telephone No.

Yorkshire & East Midlands Division (*continued*).

NORTHAMPTON, 30 & 32, Mare Fair. Northampton 501-2.

NOTTINGHAM, 6, Stanford St. Nottingham 4700-1.

OTLEY, 19, Kirkgate. Otley 48-9.

PETERBOROUGH, Corner City Rd. & New Rd. Peterborough 137.

RICHMOND (Yorks), Catterick Bridge.

ROTHERHAM, Old Post Office. Rotherham 501.

SCARBOROUGH, Old Post Office, Huntries Row. Scarborough 500.

SCUNTHORPE, 189 & 191, High St. Scunthorpe 81.

SELBY, Old Post Office, Wide St. Selby 31.
Howden, L. Asquith, Gazette Office, Market Place. Howden 16.

SHEFFIELD, Old Charity School, East Parade. Central 4435-6.

SHIPLEY, 23 & 25, Otley Rd. Shipley 426.

SOWERBY BRIDGE, Central Bldgs., Hollings Mill Lane. Halifax 1292.

SPEN VALLEY, Frost Hill, Liversedge. Heckmondwike 146: Cleckheaton 215.

STANNINGLEY, PUDSEY, & FARSLEY, Old Town School, Town St. Stanningley 215.

SUTTON-IN-ASHFIELD, 51, Portland Square. Sutton-in-Ashfield 60.
Ripley, Derby, G. Whitcombe, Town Hall. Ripley 28.

TODMORDEN, 47 & 48, Rochdale Rd. Todmorden 128.

WAKEFIELD, 122, Westgate. Wakefield 268.

WELLINGBOROUGH, 7, Midland Rd. Wellingborough 128.
Rushden, H. O. Miller, 47, High St. Rushden 59.

WORKSOP, 18, Bridge Place. Worksop 187.
Retford, A. T. Winter, 3, Bridgegate. Retford 65.

YORK, 33, Parliament St. York 716.

North Western Division

Divisional Office: Empire Hall, Museum Street, Warrington
Telegraphic Address: Divex, Warrington

ACCRINGTON, 17-21, Oak St. Accrington 2602.

ALTRINCHAM, 1, Manchester Rd., Broadheath. Altrincham 860-1.

ASHTON-UNDER-LYNE, 117, Stamford St. Ashton-under-Lyne 580 & 710.

BACUP, 16, Market St. Bacup 134.

BARROW-IN-FURNESS, 200, Duke St. Barrow 566.
Dalton-in-Furness, R. Holt, 103. Market St. Dalton 26
Millom, E. Griffin, 6, St. George's Rd.
Ulverston, J. Arden, 7, Union St. Ulverston 122.

BIRKENHEAD (Men), 63, Argyle St. Birkenhead 1502.

BIRKENHEAD (Women & Juveniles), 61, Hamilton Square. Birkenhead 1501.

BLACKBURN, 100, 100a, Darwen St. Blackburn 26.
Clitheroe, J. Hargreaves, Kirkmoor. Clitheroe 145.

BLACKPOOL, Old Post Office. Blackpool 274.

BOLTON (Men), 5, Bowkers Row. Bolton 241.

BOLTON (Women), 1-3, Chancery Lane. Bolton 1293.

BOOTLE, 246-8, Stanley Rd.

BURNLEY (Men), Oddfellows Hall, Lindsay St. Burnley 687

BURNLEY (Women & Juveniles), 156-158, St. James St Burnley 832.

BURY, 37a, Bolton St. Bury 556.

CHADDERTON (Oldham), 238-240, Middleton Rd., Oldham. Oldham 1279.

CHESTER, 2a, 2b & 2c, George St. Chester 957-8.

CHORLEY, 8, Mealhouse Lane. Chorley 132.

COLNE, 11 & 13, Exchange St. Colne 224.

CREWE, 1 & 2, Market Square. Crewe 39.
Nantwitch, T. H. Alcock, 56, Acton View.

DARWEN, 31-33, Bridge St. Darwen 310.

DENTON, 86 & 88, Manchester Rd. Denton 6.

EARLESTOWN, 9 & 11, Bridge St. Newton-le-Willows 4.

ECCLES, 65-67, Liverpool Rd. Eccles 155.

ELLESMERE PORT, Queen St. Ellesmere 63.

Exchange, Address, and Telephone No.

North Western Division (*continued*).

FARNWORTH, 151, Market St. Farnworth 37.

GARSTON, 95, St. Mary's Rd. Garston 329.

GLOSSOP, High St. Glossop 83.

GORTON (Manchester), Davies St., Openshaw. Openshaw 351-2.

HASLINGDEN (Manchester), York House, Dearden Gate. Haslingden 86.

HEYWOOD, 13, York St. Heywood 98.

HOLLINWOOD (Oldham), 612, Manchester Rd. Oldham 1276 & Failsworth 323.

HORWICH, 74, Winter Hey Lane. Horwich 39.

HYDE, 45, Market St. Hyde 140.

LANCASTER, 15 & 16, Dalton Square. Lancaster 548.
Morecambe, A. W. Gorton, 25, Pedder St.

LEIGH, Old Town Hall. Leigh 209.

LEVENSHULME, 245, Stockport Rd. Heaton Moor 161.

LIVERPOOL, 79a, St. Anne's Street. Royal 5205.

LIVERPOOL (Women and Girls), 2, 4 & 6, Upper Newington. Royal 4700.

LIVERPOOL (Cotton Exchange), 59-67, Oldhall St. Liverpool Cent. 7650.

LIVERPOOL DOCKS CLEARING HOUSES. Georges Dock Passage. Central 5415.

MACCLESFIELD, 17, Chestergate. Macclesfield 98.
Congleton, T. Gordon, Lawton St. Post Office. Congleton 196.

MANCHESTER, 30, Dickenson St. Central 5267-70 & 1607.

MANCHESTER (Women), 8-10, Queen St., Manchester. City 8247-8.

MANCHESTER, 469 & 471, Third Avenue, Trafford Park. Trafford Park 648.

MIDDLETON, The Lodge, Lodge St. Middleton 108.

MIDDLETON JUNCTION, Mills Hill Rd. Middleton 131.

Exchange, Address, and Telephone No.

North Western Division (*continued*).

NELSON, 71, Manchester Rd. Nelson 335.

NEW MILLS, 21, High St. New Mills 58.

NEWTON HEATH, 780-782, Oldham Rd. Failsworth 56 & 97.

NORTHWICH, Witton Lane. Northwich 159.

OLDHAM, 47-49 Mumps. Oldham 1144.

PENDLEBURY (Manchester), 555, Bolton Rd. Pendleton 730.

PRESTON, 148, Friargate. Preston 1035.

RADCLIFFE (Manchester), 3, Sion St. Radcliffe 83.

RAWTENSTALL, 18, Haslingden Rd. Rawtenstall 84.

REDDISH (Lancs.), 26, Broadstone Rd. Heaton Moor 175; Stockport 575.

ROCHDALE, 132, Drake St., and 2 & 2a, Moor St. Rochdale 61 & 62.

ROYTON (Oldham), 13, Market St. Oldham 1278.

ST. HELENS, 59, Church St. St. Helens 366.
Ashton-in-Makerfield, H. Gee, 37, Low Bank Rd.

SALFORD, 17, The Crescent. Central 4569-71.

SHAW (Lancs.), 78 Market St. Shaw 104.

SOUTHPORT, 54, Eastbank St. Southport 37.
Ormskirk, A. W. Whiteman, 26, Chapel St.

STALYBRIDGE, 78, Market St. Ashton 643.

STOCKPORT, 4, Tiviotdale. Stockport 501.

TYLDESLEY, 7-9, Stanley St. Atherton 17.

WALLASEY (Birkenhead), 90-92, Brighton St. Liscard 1050.

WARRINGTON, Old P.O. Sankey St. Warrington 383.

WIDNES, 24, 26 & 28, Widnes Rd. Widnes 107.
Runcorn, J. F. Niddrie, 86, High St. Runcorn 112.

WIGAN, 2-3, Woodcock St. Wigan 450.

WITHINGTON (Temp. Regis. Room), 1, Davenport Avenue. Didsbury 379.

Wales Division

Divisional Office: Law Courts, Cathays Park. Cardiff 3834
Telegraphic Address: Divex, Cardiff

ABERDARE, 21, Whitcombe St. National 133.

BARGOED (Cardiff), 2, The Square. Bargoed 45 P.O.

BARRY (Glam.), Dock View Rd. Barry 436 P.O.

BUTE DOCKS, Junction Dry Docks. Cardiff 1062.

CARDIFF, Old Custom House. Cardiff National 3240.

CARNARVON, 12, Castle Square. Carnarvon 25.
Bangor, Llew. D. Jones, 125, High St. Bangor 139.
Holyhead, A. P. Thomas, Stanley House, Market Square. Holyhead 10.
Llanberis, M. W. Rowlands, The Beehive.

COLWYN BAY, Old Municipal Bldgs., Station Rd. Colwyn Bay 313.

EBBW VALE, Bethcar St. Ebbw Vale 64 P.O.

FLINT, 30, Chester St. Flint 27.
Rhyl, E. L. Rogers, 6, John St.

LLANELLY, 76, Stepney St. Llanelly 5.
Carmarthen, W. J. Wallis-Jones, 34, Quay Street. Carmarthen 9.

MAESTEG (Bridgend), 60 Commercial St. Maesteg 66 Nat.

MERTHYR TYDFIL, Y.M.C.A. Bldgs., Pontmotlais. Merthyr Tydfil 172.

MOUNTAIN ASH, 30, Commercial St. Mountain Ash 52.

NEATH, 5 & 6, The Parade Neath 268.

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PORT TALBOT DOCKS, Docks Waiting Room. Port Talbot 140.

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Telegraphic Address: Divex, Dublin

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Farmers needing women's labour should be referred to the under-mentioned Honorary Secretaries of Women's County Agricultural Committees, or to the Manager of the nearest Labour Exchange, who will be able to make the farmer's needs known, and to put them in touch with any available women. It should be pointed out, however, that the majority of the women offering assistance are able to give part time only. Efforts are being made to arrange for gang-leaders to organize the part-time labour in villages, in such a way as to be able to give the employer continuity of service. In addition to these women, a certain number will be trained, and will be available for placing with the farmers.

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